

Wisconsin
Vehicle Inspection Program
Annual Report
2012



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Background

The Wisconsin Department of Transportation (WisDOT) implemented the Wisconsin Vehicle Inspection Program (WIVIP) in April 1984 in response to the federal Clean Air Act requirements. A major focus of the Clean Air Act is to reduce emissions that form ground-level ozone. Motor vehicles, industries, and smaller area sources such as lawn mowers, powerboats, paints, solvents and other consumer products emit these ozone precursors. The Clean Air Act and the Clean Air Act Amendments of 1990 required areas designated as non-attainment to reduce emissions.

The WIVIP is one of the primary components of the strategy to reduce air pollution in southeastern Wisconsin area. Each year the program tests over 600,000 cars and light duty trucks in a seven county region of southeastern Wisconsin's ozone non-attainment area. The program covers more than 2,500 square miles over seven counties: Kenosha, Milwaukee, Ozaukee, Racine, Sheboygan, Washington, and Waukesha. Vehicles receive inspections in a decentralized network of 200 private inspection facilities (PIF) located in all seven of the program counties. Vehicle population determines PIF distribution. At the end of calendar year 2012, the PIF per county totals were:

- Kenosha = 18
- Milwaukee = 78
- Racine = 19
- Sheboygan = 9
- Waukesha = 50
- Ozaukee = 9
- Washington = 18

The emissions tests are free to the motorist. The state of Wisconsin pays the program contractor, Systech International, a monthly fee of \$216,330.00. The state Transportation and Petroleum Environmental Cleanup Fund Act (PECFA) funds pay for the program.

Program Overview

Geographical Area:	Seven southeastern Wisconsin counties: Sheboygan, Washington, Ozaukee, Waukesha, Milwaukee, Racine and Kenosha - Testing region covers 2,500 square miles.
Test Procedure:	OBDII testing - a vehicle's on-board computer checked for emissions-related problems. OBDII is the standard test for all 1996 and newer gasoline-fueled vehicles equipped with OBDII technology and all 2007 and newer diesel-fueled vehicles equipped with OBDII technology.
Network Size:	200 Private Inspection Facilities, 200 Inspection Lanes, 5 Technical Assistance Centers

- | | |
|-------------------------|--|
| Model Years (MY) Tested | <i>Registration Renewal Testing:</i> Odd Model Years 1996 through 2009. <ul style="list-style-type: none">• Model year 1996-2006 gasoline-fueled vehicles up to 8,500 lbs. gross vehicle weight rating..• Model year 2007 and newer gasoline-fueled and diesel-fueled vehicles between 8,501 and 14,000 lbs., gross vehicle weight rating.. |
|-------------------------|--|

Change of Ownership: Model year 2007 and older in CY 2012.

Network

The WIVIP is a decentralized test and repair network comprised of 200 Private Inspection Facilities (PIFs) located throughout the seven county program region. The stations receive all analyzer equipment, service, consumables, and inspector training, free of charge from Systech International, the program management company. The PIFs participating in the network in 2012, and their locations, are listed in Table 1, beginning on p. 23.

There are five Technical Assistance Centers (TACs) providing cost and technical waivers, as well as diagnostic analysis free of charge to the motoring public in the program area. The TAC list and locations are in Table 2, p. 28.

Program Rationale

Southeastern Wisconsin is one of more than 40 metropolitan areas in the United States with ground-level ozone levels that exceed federal air quality standards. Excessive air pollution is a public health hazard. Geographically, as part of the south Lake Michigan air basin, southeastern Wisconsin is one of the worst areas in the country for ozone pollution.

Motor Vehicle Emission Reductions & Air Quality Improvement

Reducing motor vehicle emissions plays a large role in improving regional air quality. Along with reformulated gasoline use, the Wisconsin Vehicle Inspection Program (WIVIP) is Wisconsin's most significant vehicle emission reduction program, and one that contributes to improved air quality in the entire upper Midwest.

The Wisconsin Department of Natural Resources (DNR) estimates that the program achieved the following reductions in on-road motor vehicle emissions during 2012:

- Volatile organic compounds (VOC) emissions reduced by 1.93 tons per summer weekday, or 7.1%
- Oxides of nitrogen (NOx) emissions reduced by 3.30 tons per summer weekday, or 5.0%

- Carbon monoxide (CO) emissions reduced by 27.74 tons per summer weekday, or 8.6%.

Hot Summer Weekday Emissions (tons) for On-Road Motor Vehicles

		Volatile Organic Compounds (VOC)							
		2005	2006	2007	2008	2009	2010	2011	2012
No WIVIP	6 SE Counties	52.86	48.79	45.82	41.07	37.48	33.21	27.81	25.19
No WIVIP	Sheboygan Co.	3.72	3.44	3.16	2.99	2.60	2.35	2.01	1.84
No WIVIP	All 7 Counties	56.58	52.24	48.98	44.06	40.08	35.56	29.82	27.02
WIVIP	6 SE Counties	46.90	43.31	40.63	36.34	34.22	30.96	25.84	23.39
WIVIP	Sheboygan Co.	3.34	3.08	2.82	2.67	2.38	2.19	1.87	1.71
WIVIP	All 7 Counties	50.24	46.38	43.45	39.01	36.60	33.15	27.71	25.09
WIVIP Reductions (tons)		6.34	5.85	5.53	5.05	3.47	2.41	2.11	1.93
WIVIP Reductions (%)		11.2%	11.2%	11.3%	11.5%	8.7%	6.8%	7.1%	7.1%

		Oxides of Nitrogen (NOx)							
		2005	2006	2007	2008	2009	2010	2011	2012
No WIVIP	6 SE Counties	125.98	118.02	111.18	99.81	92.81	81.50	68.72	61.99
No WIVIP	Sheboygan Co.	9.03	8.41	7.40	6.75	5.94	5.31	4.55	4.09
No WIVIP	All 7 Counties	135.01	126.43	118.58	106.55	98.75	86.81	73.27	66.07
WIVIP	6 SE Counties	117.46	109.94	103.49	92.90	87.54	77.53	65.27	58.88
WIVIP	Sheboygan Co.	8.49	7.89	6.94	6.32	5.63	5.06	4.33	3.89
WIVIP	All 7 Counties	125.95	117.83	110.44	99.23	93.17	82.59	69.60	62.77
WIVIP Reductions (tons)		9.05	8.60	8.15	7.33	5.59	4.21	3.67	3.30
WIVIP Reductions (%)		6.7%	6.8%	6.9%	6.9%	5.7%	4.9%	5.0%	5.0%

		Carbon Monoxide (CO)							
		2005	2006	2007	2008	2009	2010	2011	2012
No WIVIP	6 SE Counties	508.00	473.83	458.29	425.78	399.60	362.42	317.36	300.98
No WIVIP	Sheboygan Co.	41.86	39.12	33.60	30.15	26.83	24.95	22.37	21.55
No WIVIP	All 7 Counties	549.86	512.94	491.90	455.92	426.43	387.37	339.73	322.52
WIVIP	6 SE Counties	445.05	415.72	403.18	375.00	361.67	333.60	290.76	275.10
WIVIP	Sheboygan Co.	37.33	34.80	29.89	26.80	24.38	22.97	20.49	19.68
WIVIP	All 7 Counties	482.38	450.52	433.07	401.80	386.05	356.57	311.25	294.79
WIVIP Reductions (tons)		67.48	62.42	58.83	54.13	40.38	30.80	28.48	27.74
WIVIP Reductions (%)		12.3%	12.2%	12.0%	11.9%	9.5%	8.0%	8.4%	8.6%

NOTES:

1. The "6 SE Counties" are Kenosha, Milwaukee, Ozaukee, Racine, Washington and Waukesha Counties.
2. Emissions calculated using U.S. EPA's MOVES2010a model (years 2005 - 2010) and MOVES2010b model (years 2011 and 2012). For comparison purposes, MOVES2010b was also run for the year 2008 and showed identical results to the MOVES2010a results.
3. Emissions calculated for the year 2012 are preliminary, since 2012 vehicle-miles of travel data are not yet available.
4. Emissions calculated for the year 2011 differ from the values in last year's report, since 2011 vehicle-miles of travel data were not available then, but are available now.

5. In July of 2008, the WIVIP dropped tailpipe testing entirely and only tested vehicles of model years 1996 and newer by scanning their on-board diagnostic (OBD) systems. This exempted all vehicles of model years 1995 and older, resulting in a decrease in the program's emission reduction percentages after 2008.

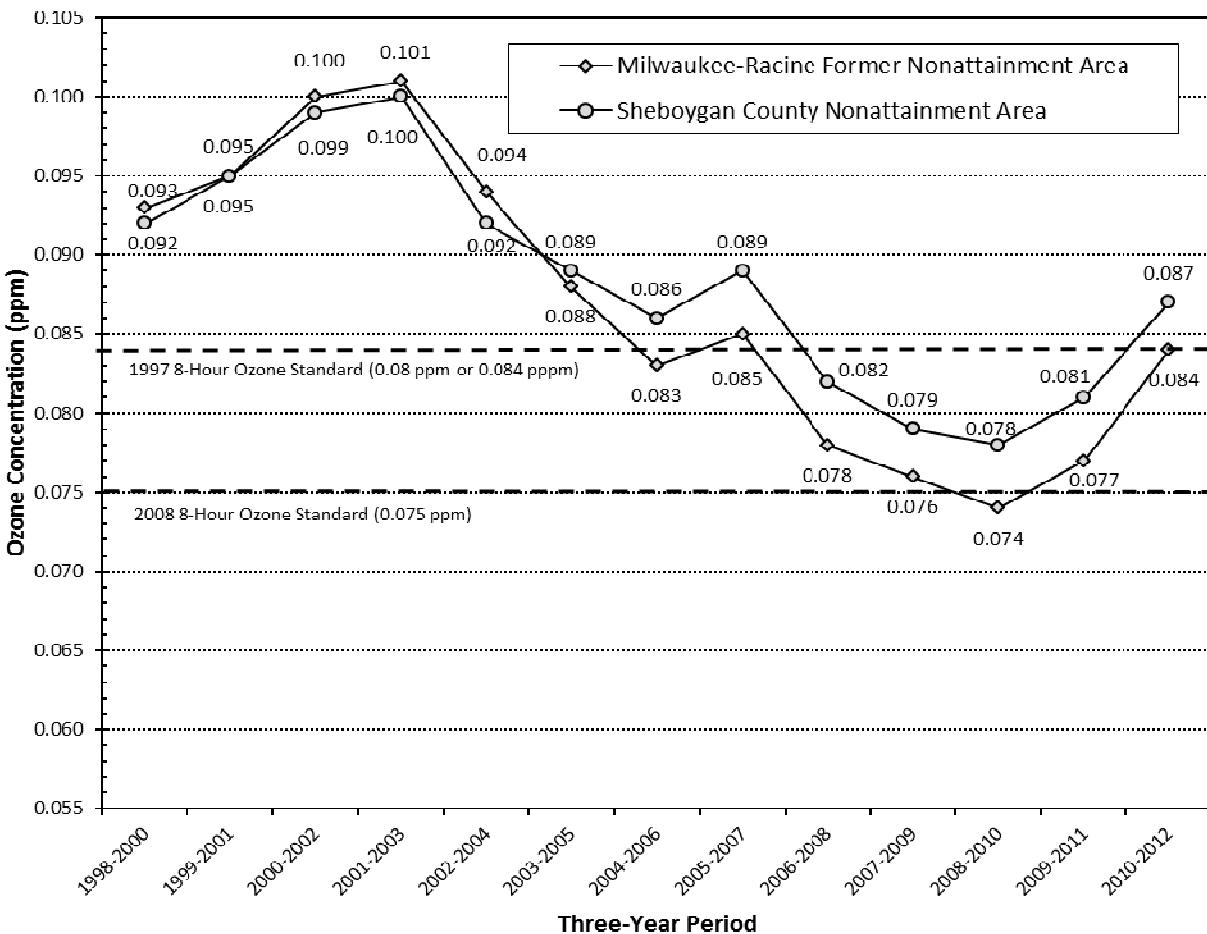
Over time, the WIVIP has contributed to the following air quality advances in Wisconsin:

Ozone: Ground-level ozone concentrations in southeastern Wisconsin have dropped significantly over the past 20 years. During 1990, the 1-hour ozone "design value" (a calculated measurement used to evaluate compliance with the 1-hour ozone standard) for southeastern Wisconsin was 0.19 parts per million (ppm). This value was high enough to classify six southeastern Wisconsin counties as a severe ozone nonattainment area under the 1990 Clean Air Act (CAA) amendments. Other eastern Wisconsin counties were assigned less severe nonattainment designations.

By 2001, the 1-hour design value for southeastern Wisconsin had dropped to 0.12 ppm, meeting the 1-hour ozone standard. All Wisconsin counties are now monitoring ozone concentrations below this level.

More recently, the U.S. EPA has been implementing more stringent ozone standards, using an 8-hour averaging period. This "8-hour ozone standard" was originally set at 0.084 ppm in 1997 and revised in 2008 to 0.075 ppm, based on updated information on the health effects of ozone. As shown in the following graph, ozone concentrations have continued to decline since 2000.

Wisconsin Nonattainment Area Ozone Trends



Since meteorology (especially temperature) has a strong influence on ozone concentrations, the values are elevated for the three-year periods including hot summers. In particular, the years 2002, 2006, 2011 and 2012 had very hot summers.

Because of the declining ozone concentrations, the areas of Wisconsin still in nonattainment for ozone are now limited to Sheboygan County and part of Kenosha County. The WIVIP will play an important, ongoing role in the state's efforts to attain the more stringent 8-hour ozone standard in those areas and to maintain attainment throughout all of eastern Wisconsin.

Carbon Monoxide: Between 1977 and 1984, southeastern Wisconsin exceeded the federal carbon monoxide standard 35 times. Since the program's implementation in 1984, southeastern Wisconsin has not exceeded this standard even once.

Credit for these air quality improvements goes to various state and federal ozone control measures implemented in both Wisconsin and other states. Aside from Wisconsin's and neighboring states' vehicle inspection and maintenance programs, these include reformulated gasoline, national emission standards for new motor vehicles, utility and industrial source controls, and gasoline vapor recovery controls.

TEST DATA REPORT

Operating Statistics

40 CFR Part 51.366 (a)(1) The number of vehicles tested by model year and vehicle type.

The tests represented in the table below include test records for initial tests and retests. It contains test results including pass, fail, aborts, and voids. Tables in this section do not include test records performed in the course of the state audits.

EPA a1 Count of Vehicles Tested

Model Year	Vehicle Type	Test Count	Model Year	Vehicle Type	Test Count	Model Year	Vehicle Type	Test Count
1996	Passenger Car	6028	2002	Passenger Car	14507	2008	Passenger Car	2654
	SUV	716		SUV	2266		SUV	907
	Truck	1815		Truck	2903		Truck	1240
	Van	459		Van	1215		Van	310
1997	Passenger Car	26500	2003	Passenger Car	47239	2009	Passenger Car	31419
	SUV	3117		SUV	10208		SUV	6303
	Truck	10790		Truck	22840		Truck	13566
	Van	1842		Van	4472		Van	1719
1998	Passenger Car	8616	2004	Passenger Car	9417	2010	Passenger Car	1191
	SUV	1200		SUV	2480		SUV	559
	Truck	2544		Truck	2752		Truck	190
	Van	737		Van	682		Van	175
1999	Passenger Car	38397	2005	Passenger Car	46510	2011	Passenger Car	126
	SUV	5924		SUV	11120		SUV	64
	Truck	15789		Truck	25352		Truck	23
	Van	3126		Van	5783		Van	17
2000	Passenger Car	11435	2006	Passenger Car	9113	2012	Passenger Car	63
	SUV	1643		SUV	2023		SUV	18
	Truck	2875		Truck	2354		Truck	3
	Van	1126		Van	901		Van	5
2001	Passenger Car	45781	2007	Passenger Car	48063	2013	Passenger Car	38
	SUV	6214		SUV	11846		SUV	7
	Truck	19335		Truck	23390		Van	3
	Van	3641		Van	4139			
						Total		591825
						Cars		347097
						Trucks		147761
						SUVs		66615
						Vans		30352
						Other		0

Initial Test Results

The Fail Counts in tables a2i and a4 reflect Initial Tests, not including rejects. This difference results from filtering differences between data tables from the previous contractor and the incumbent. Vehicles receiving an initial test result of reject can receive a result of Fail or Pass on later tests.

40 CFR Part 51.366 (a)(2) (i) The number of vehicles tested by model year and vehicle type failing by test type.

EPA a2i: OBD Vehicles Tested, Failing Initially

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail
1996	5534	973	17.58%	716	83	11.59%	1732	317	18.30%	463	51	11.02%	8445	1424	16.86%
1997	24594	3385	13.76%	3149	217	6.89%	10522	1083	10.29%	1951	131	6.71%	40216	4816	11.98%
1998	7946	1292	16.26%	1181	99	8.38%	2420	363	15.00%	753	75	9.96%	12300	1829	14.87%
1999	35831	4235	11.82%	5911	239	4.04%	15648	1153	7.37%	3394	161	4.74%	60784	5788	9.52%
2000	10710	1403	13.10%	1629	76	4.67%	2845	292	10.26%	1155	71	6.15%	16339	1842	11.27%
2001	42670	5071	11.88%	6240	214	3.43%	19262	1397	7.25%	3926	215	5.48%	72098	6897	9.57%
2002	13743	2412	17.55%	2241	89	3.97%	2852	267	9.36%	974	45	4.62%	19810	2813	14.20%
2003	45170	3168	7.01%	10244	182	1.78%	22841	1087	4.76%	4753	118	2.48%	83008	4555	5.49%
2004	9142	527	5.76%	2471	50	2.02%	2768	161	5.82%	739	17	2.30%	15120	755	4.99%
2005	45195	1905	4.22%	11153	123	1.10%	25350	756	2.98%	6096	60	0.98%	87794	2844	3.24%
2006	8919	316	3.54%	2011	34	1.69%	2365	91	3.85%	954	9	0.94%	14249	450	3.16%
2007	47300	1057	2.23%	11822	42	0.36%	23196	392	1.69%	4129	26	0.63%	86447	1517	1.75%
2008	2614	59	2.26%	907	2	0.22%	1226	31	2.53%	310	1	0.32%	5057	93	1.84%
2009	31225	232	0.74%	6295	6	0.10%	13523	75	0.55%	1711	9	0.53%	52754	322	0.61%
2010	1189	8	0.67%	559	0	0.00%	190	0	0.00%	175	1	0.57%	2113	9	0.43%
2011	125	1	0.80%	64	0	0.00%	22	1	4.55%	18	0	0.00%	229	2	0.87%
2012	61	1	1.64%	18	0	0.00%	3	0	0.00%	5	0	0.00%	87	1	1.15%
2013	38	1	2.63%	7	0	0.00%				3	0	0.00%	48	1	2.08%
	332006	26046	7.85%	66618	1456	2.19%	146765	7466	5.09%	31509	990	3.14%	576898	35958	6.23%

Retest Results

40 CFR Part 51.366 (a)(2) (ii) – (iii) The number of vehicles tested by model year and vehicle type passing or failing the first retest.

THESE TABLES DO NOT INCLUDE REJECTS.

EPA a2ii: OBD Vehicles, Failing First Retest

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Fail Cnt	% Fail	Test Count	Fail Cnt	% Fail	Test Count	Fail Cnt	% Fail	Test Count	Fail Cnt	% Fail	Test Count	Test Failed	% Fail
1996	202	63	31.19%	2	0	0.00%	29	9	31.03%	2	0	0.00%	235	72	30.64%
1997	934	170	18.20%	10	2	20.00%	135	20	14.81%	5	0	0.00%	1084	192	17.71%
1998	269	71	26.39%				30	6	20.00%	6	1	16.67%	305	78	25.57%
1999	1380	216	15.65%	10	3	30.00%	131	13	9.92%	5	1	20.00%	1526	233	15.27%
2000	304	54	17.76%	5	2	40.00%	32	8	25.00%	4	0	0.00%	345	64	18.55%
2001	1532	218	14.23%	8	1	12.50%	158	17	10.76%	13	2	15.38%	1711	238	13.91%
2002	293	55	18.77%	2	0	0.00%	19	2	10.53%	8	8	100.00%	322	65	20.19%
2003	1187	108	9.10%	18	0	0.00%	164	16	9.76%	5	0	0.00%	1374	124	9.02%
2004	130	15	11.54%	4	0	0.00%	18	1	5.56%	1	0	0.00%	153	16	10.46%
2005	793	82	10.34%	7	0	0.00%	96	5	5.21%				896	87	9.71%
2006	92	10	10.87%	1	0	0.00%	10	1	10.00%				103	11	10.68%
2007	471	31	6.58%	9	0	0.00%	62	5	8.06%	2	0	0.00%	544	36	6.62%
2008	20	2	10.00%				3	0	0.00%				23	2	8.70%
2009	117	5	4.27%	4	0	0.00%	11	0	0.00%	2	0	0.00%	134	5	3.73%
2010	2	0	0.00%										2	0	0.00%
2011	1	0	0.00%				1	0	0.00%				2	0	0.00%
2012	1	0	0.00%										1	0	0.00%
	7728	1100	14.23%	80	8	10.00%	899	103	11.46%	53	12	22.64%	8760	1223	13.96%

EPA a2iii: OBD Vehicles, Passing First Retest

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass
1996	202	139	68.81%	2	2	100.00%	29	20	68.97%	2	2	100.00%	235	163	69.36%
1997	934	764	81.80%	10	8	80.00%	135	115	85.19%	5	5	100.00%	1084	892	82.29%
1998	269	198	73.61%	2	0	0.00%	30	24	80.00%	6	5	83.33%	305	227	74.43%
1999	1380	1164	84.35%	10	7	70.00%	131	118	90.08%	5	4	80.00%	1526	1293	84.73%
2000	304	250	82.24%	5	3	60.00%	32	24	75.00%	4	4	100.00%	345	281	81.45%
2001	1532	1314	85.77%	8	7	87.50%	158	141	89.24%	13	11	84.62%	1711	1473	86.09%
2002	293	238	81.23%	2	2	100.00%	19	17	89.47%	8	0	0.00%	322	257	79.81%
2003	1187	1079	90.90%	18	18	100.00%	164	148	90.24%	5	5	100.00%	1374	1250	90.98%
2004	130	115	88.46%	4	4	100.00%	18	17	94.44%	1	1	100.00%	153	137	89.54%
2005	793	711	89.66%	7	7	100.00%	96	91	94.79%	2	0	0.00%	896	809	90.29%
2006	92	82	89.13%	1	1	100.00%	10	9	90.00%	2	0	0.00%	103	92	89.32%
2007	471	440	93.42%	9	9	100.00%	62	57	91.94%	2	2	100.00%	544	508	93.38%
2008	20	18	90.00%	2	0	0.00%	3	3	100.00%	2	0	0.00%	23	21	91.30%
2009	117	112	95.73%	4	4	100.00%	11	11	100.00%	2	2	100.00%	134	129	96.27%
2010	2	2	100.00%	2	0	0.00%	30	0	0.00%	2	0	0.00%	2	2	100.00%
2011	1	1	100.00%	2	0	0.00%	1	1	100.00%	2	0	0.00%	2	2	100.00%
2012	1	1	100.00%	2	0	0.00%	30	0	0.00%	2	0	0.00%	1	1	100.00%
	7728	6628	85.77%	80	72	90.00%	899	796	88.54%	53	41	77.36%	8760	7537	86.04%

40 CFR Part 51.366 (a)(2) (iv) The number of vehicles tested by model year and vehicle type that initially failed and passed the second or subsequent retest.

EPA a2iv: OBD Vehicles, Passing Second or Subsequent

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass
1996	660	474	71.82%	38	31	81.58%	222	169	76.13%	25	21	84.00%	945	695	73.54%
1997	2372	1922	81.03%	63	48	76.19%	739	622	84.17%	41	31	75.61%	3215	2623	81.59%
1998	898	664	73.94%	53	45	84.91%	270	209	77.41%	44	37	84.09%	1265	955	75.49%
1999	3152	2563	81.31%	84	62	73.81%	858	743	86.60%	49	38	77.55%	4143	3406	82.21%
2000	993	792	79.76%	42	30	71.43%	260	200	76.92%	49	37	75.51%	1344	1059	78.79%
2001	3783	3106	82.10%	81	67	82.72%	1080	952	88.15%	79	66	83.54%	5023	4191	83.44%
2002	1056	764	72.35%	46	39	84.78%	253	208	82.21%	315	27	8.57%	1670	1038	62.16%
2003	2469	2164	87.65%	89	76	85.39%	890	810	91.01%	57	51	89.47%	3505	3101	88.47%
2004	395	341	86.33%	32	29	90.63%	139	124	89.21%	9	8	88.89%	575	502	87.30%
2005	1540	1363	88.51%	44	40	90.91%	608	572	94.08%	29	27	93.10%	2221	2002	90.14%
2006	269	239	88.85%	23	16	69.57%	108	96	88.89%	8	7	87.50%	408	358	87.75%
2007	881	808	91.71%	25	24	96.00%	289	274	94.81%	14	13	92.86%	1209	1119	92.56%
2008	58	49	84.48%	1	1	100.00%	19	18	94.74%	0	0	0.00%	78	68	87.18%
2009	212	197	92.92%	8	8	100.00%	66	63	95.45%	8	8	100.00%	294	276	93.88%
2010	2	2	100.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	2	2	100.00%
2011	1	1	100.00%	0	0	0.00%	1	1	100.00%	0	0	0.00%	2	2	100.00%
2012	3	2	66.67%	0	0	0.00%	0	0	0.00%	0	0	0.00%	3	2	66.67%
	18744	15451	82.43%	629	516	82.03%	5802	5061	87.23%	727	371	51.03%	25902	21399	82.62%

Vehicle Waivers

A motorist may request a waiver from further inspection requirements for the current inspection cycle if the vehicle fails a second retest after repairs. In general, a waiver may be granted if the motorist exceeds the cost limit on emission-related repairs and adjustments at a recognized repair facility. The waiver repair cost limit excludes warranty repairs on emission systems and the repair/replacement of tampered emission control devices identified during the equipment check.

Vehicle owners can also apply for a waiver if their vehicles continue to fail the emissions test. A vehicle is eligible for a waiver under the following conditions:

1. The vehicle has failed an emissions inspection and following repair and re-inspection, it still does not meet test requirements. Repairs made 180 days or more prior to the expiration of the license plate do not apply toward the waiver repair cost limit.
2. The vehicle has passed an emission equipment inspection to determine if emission control equipment is missing, modified or disconnected.
3. The motorist presents the Vehicle Inspection Reports (VIR) to the Waiver Investigator. The REPAIR DATA section of these reports if completed by the recognized Repair Facility in accordance with instructions provided on the report form. Motorists must bring their vehicle and itemized receipts for parts and labor to verify the emission related repairs.
4. For all vehicles exceeding the terms of the manufacturer's emission performance or defect warranty coverage at the time of the scheduled emission inspection, the owner must have emission related repairs performed on the vehicle at a recognized repair facility.
5. The actual costs of emission related repairs and adjustments exceed the repair cost limit. Only repairs related to the vehicle's cause of failure can be used to apply for a cost waiver. Costs covered by any warranty or costs to repair/replace emission control equipment that has been removed, modified or disconnected are excluded.
6. For vehicles registered and kept in Washington, Ozaukee, Waukesha, Milwaukee, Racine, Sheboygan and Kenosha Counties, the repair cost limit changed to \$819 for all model year vehicles subject to testing, effective July 1, 2012. DNR adjusts this figure annually per NR 485.045. The cost limit prior to July 1 was \$800.

The following chart on page 14 illustrates the waivers granted in 2012 by model year.

40 CFR Part 51.366 (a)(2) (v) The number of vehicles tested by model year and vehicle type receiving a waiver. The Centralized Program issued 108 Cost Waivers and 21 Diagnostic Waivers. The Table below lists waivers issued from July 1 – December 31, 2012

Note: Vehicles that receive multiple rejects are eligible for waivers.

EPA a2v: OBD Vehicles, Initially Failed Vehicle Receiving a Waiver

Model Year	Waiver Type	Passenger Car			SUV			Truck			Unknown			Van			Total		
		Test Count	Fail Count	Waiver Count	Test Count	Fail Count	Waiver Count	Test Count	Fail Count	Waiver Count	Test Count	Fail Count	Waiver Count	Test Count	Fail Count	Waiver Count	Test Count	Fail Count	Waiver Count
1996		2704	488		3	32		1	61				0	1	21		4205	602	
	Diagnostic/Technical			9			0			0			0		0			9	
1997		407	1971		2617	105		2610	261				1	7	73		19856	2410	
	Repair Cost Waiver			5						1								6	
	Diagnostic/Technical			5			2			3			1		0			11	
1998		362	681		2	32		1	65					6	34		6089	812	
	Repair Cost Waiver			1														1	
	Diagnostic/Technical			2			0			0					0			2	
1999		635	2642		34	119		1	237					5	79		30149	3077	
	Repair Cost Waiver			8														8	
	Diagnostic/Technical			3			0			0					1			4	
2000		13	716		930	36		2	69					4	29		8158	850	
	Repair Cost Waiver			2														2	
	Diagnostic/Technical			0			0			0					0			0	
2001		691	3188		39	89		1	284					8	94		35806	3655	
	Repair Cost Waiver			19											1			20	
	Diagnostic/Technical			7			0			3			0		1			11	
2002		790	688		2	24		712	54					299	302		9360	1068	
	Repair Cost Waiver			3			1											4	
	Diagnostic/Technical			0			0			0					0			0	
2003		823	2069		69	71		1	264					3963	39		40940	2443	
	Repair Cost Waiver			7														7	
	Diagnostic/Technical			3			1			1					0			5	
2004		827	291		1	14		2	28					3	6		8063	339	
	Repair Cost Waiver			1														1	
	Diagnostic/Technical			0			0			0					0			0	
2005		659	1337		9885	41		2	155					1	18		42653	1551	
	Repair Cost Waiver			1														1	
	Diagnostic/Technical			3			2			0					0			5	
2006		4405	196		1	7		595	21					1	2		7759	226	
	Diagnostic/Technical			0			1			0					0			1	
2007		477	725		101	19		1	106					34	8		42756	858	
	Diagnostic/Technical			2			1			0					2			5	
2008		79	37		794	1		298	4					254	0		3049	42	
	Diagnostic/Technical			0														0	
2009		71	175		53	3		2020	20					12	2		26120	200	
	Diagnostic/Technical									0								0	
2010		1	8		558	0		187	0					173	1		2102	9	
2011		120	1		64	0		21	1					17	0		227	2	
	Diagnostic/Technical														0			0	
2012		3	2		18	0		2	0					5	0		86	2	
	Diagnostic/Technical			0														0	
2013		2	1		6	0								3	0		48	1	
		177605	15216	81	57163	593	8	30549	1630	8	5	0	1	27468	708	5	292790	18147	103

40 CFR Part 51.366 (a)(2)(vi) The number of vehicles tested by model year and vehicle type with no final outcome (regardless of reason).

The vehicles included in the table below did not have outcomes of either a pass or a waiver test result during the reporting period.

EPA a2vi: Vehicles with No Known Final Outcome

Model Year	Passenger Car			SUV			Truck			Unknown			Van			Total		
	Failed	Never Passed	%Never Passed	Failed	Never Passed	%Never Passed	Failed	Never Passed	%Never Passed	Failed	Never Passed	%Never Passed	Failed	Never Passed	%Never Passed	Failed	Never Passed	%Never Passed
1996	491	200	40.73%	31	27	87.10%	61	21	34.43%	1	1	100.00%	21	20	95.24%	605	269	44.46%
1997	1977	617	31.21%	104	89	85.58%	262	82	31.30%	3	2	66.67%	73	63	86.30%	2419	853	35.26%
1998	682	276	40.47%	33	32	96.97%	65	21	32.31%	0	0	0.00%	34	27	79.41%	814	356	43.73%
1999	2649	745	28.12%	116	98	84.48%	238	60	25.21%	9	6	66.67%	80	72	90.00%	3092	981	31.73%
2000	716	286	39.94%	35	27	77.14%	69	19	27.54%	1	1	100.00%	29	22	75.86%	850	355	41.76%
2001	3193	800	25.05%	88	77	87.50%	287	58	20.21%	5	4	80.00%	94	81	86.17%	3667	1020	27.82%
2002	699	252	36.05%	25	21	84.00%	54	23	42.59%	0	0	0.00%	302	7	2.32%	1080	303	28.06%
2003	2077	441	21.23%	70	51	72.86%	266	49	18.42%	2	2	100.00%	39	32	82.05%	2454	575	23.43%
2004	291	105	36.08%	14	10	71.43%	29	8	27.59%	0	0	0.00%	6	3	50.00%	340	126	37.06%
2005	1338	271	20.25%	42	31	73.81%	156	28	17.95%	2	0	0.00%	18	16	88.89%	1556	346	22.24%
2006	196	57	29.08%	7	6	85.71%	21	6	28.57%	0	0	0.00%	2	1	50.00%	226	70	30.97%
2007	729	130	17.83%	18	11	61.11%	106	26	24.53%	1	0	0.00%	8	4	50.00%	862	171	19.84%
2008	37	16	43.24%	1	1	100.00%	4	2	50.00%	0	0	0.00%	0	0	0.00%	42	19	45.24%
2009	175	26	14.86%	4	2	50.00%	20	5	25.00%	0	0	0.00%	2	1	50.00%	201	34	16.92%
2010	8	5	62.50%	0	0	0.00%	0	0	0.00%	0	0	0.00%	1	1	100.00%	9	6	66.67%
2011	1	0	0.00%	0	0	0.00%	1	0	0.00%	0	0	0.00%	0	0	0.00%	2	0	0.00%
2012	2	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	2	0	0.00%
2013	1	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	0	0	0.00%	1	0	0.00%
	15262	4227	27.70%	588	483	82.14%	1639	408	24.89%	24	16	66.67%	709	350	49.37%	18222	5484	30.10%

Vehicles Passing or Failing OBD Test

40 CFR Part 51.366 (a)(2)(xi) (xii) The number of vehicles tested by model year and vehicle type passing or failing the on-board diagnostic check.

EPA a2xi: OBD Vehicles, Overall Passing

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass	Test Count	Pass Count	% Pass
1996	6028	4909	81.44%	716	630	87.99%	1815	1459	80.39%	459	406	88.45%	9018	7404	82.10%
1997	26500	22726	85.76%	3120	2891	92.66%	10787	9617	89.15%	1842	1702	92.40%	42249	36936	87.42%
1998	8616	7139	82.86%	1200	1099	91.58%	2544	2142	84.20%	737	657	89.15%	13097	11037	84.27%
1999	38397	33667	87.68%	5924	5670	95.71%	15789	14557	92.20%	3126	2959	94.66%	63236	56853	89.91%
2000	11435	9870	86.31%	1643	1557	94.77%	2875	2536	88.21%	1126	1045	92.81%	17079	15008	87.87%
2001	45781	40125	87.65%	6214	5992	96.43%	19335	17858	92.36%	3641	3416	93.82%	74971	67391	89.89%
2002	14507	11881	81.90%	2266	2173	95.90%	2903	2606	89.77%	1215	883	72.67%	20891	17543	83.97%
2003	47239	43806	92.73%	10208	10018	98.14%	22840	21696	94.99%	4472	4349	97.25%	84759	79869	94.23%
2004	9418	8849	93.96%	2479	2428	97.94%	2752	2580	93.75%	682	664	97.36%	15331	14521	94.72%
2005	46511	44445	95.56%	11119	10993	98.87%	25352	24565	96.90%	5783	5721	98.93%	88765	85724	96.57%
2006	9113	8767	96.20%	2023	1986	98.17%	2354	2254	95.75%	901	891	98.89%	14391	13898	96.57%
2007	48063	46941	97.67%	11846	11803	99.64%	23390	22989	98.29%	4139	4112	99.35%	87438	85845	98.18%
2008	2654	2589	97.55%	907	905	99.78%	1240	1208	97.42%	310	309	99.68%	5111	5011	98.04%
2009	31419	31172	99.21%	6303	6297	99.90%	13566	13489	99.43%	1719	1710	99.48%	53007	52668	99.36%
2010	1191	1183	99.33%	559	559	100.00%	190	190	100.00%	175	174	99.43%	2115	2106	99.57%
2011	126	125	99.21%	64	64	100.00%	23	22	95.65%	17	17	100.00%	230	228	99.13%
2012	63	61	96.83%	18	18	100.00%	3	3	100.00%	5	5	100.00%	89	87	97.75%
2013	38	37	97.37%	7	7	100.00%		0	0.00%	3	3	100.00%	48	47	97.92%
	347099	318292	91.70%	66616	65090	97.71%	147758	139771	94.59%	30352	29023	95.62%	591825	552176	93.30%

EPA a2xii: OBD Vehicles, Overall Failing

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail	Test Count	Fail Count	% Fail
1996	6028	1119	18.56%	717	86	11.99%	1814	356	19.63%	459	53	11.55%	9018	1614	17.90%
1997	26500	3774	14.24%	3120	229	7.34%	10787	1170	10.85%	1842	140	7.60%	42249	5313	12.58%
1998	8618	1477	17.14%	1198	101	8.43%	2544	402	15.80%	737	80	10.85%	13097	2060	15.73%
1999	38398	4730	12.32%	5924	254	4.29%	15788	1232	7.80%	3126	167	5.34%	63236	6383	10.09%
2000	11435	1565	13.69%	1644	86	5.23%	2874	339	11.80%	1126	81	7.19%	17079	2071	12.13%
2001	45782	5656	12.35%	6214	222	3.57%	19335	1477	7.64%	3640	225	6.18%	74971	7580	10.11%
2002	14510	2626	18.10%	2264	93	4.11%	2903	297	10.23%	1214	332	27.35%	20891	3348	16.03%
2003	47239	3433	7.27%	10208	190	1.86%	22840	1144	5.01%	4472	123	2.75%	84759	4890	5.77%
2004	9418	569	6.04%	2479	51	2.06%	2752	172	6.25%	682	18	2.64%	15331	810	5.28%
2005	46511	2066	4.44%	11120	126	1.13%	25351	787	3.10%	5783	62	1.07%	88765	3041	3.43%
2006	9114	346	3.80%	2022	37	1.83%	2354	100	4.25%	901	10	1.11%	14391	493	3.43%
2007	48063	1122	2.33%	11847	43	0.36%	23389	401	1.71%	4139	27	0.65%	87438	1593	1.82%
2008	2654	65	2.45%	908	2	0.22%	1239	32	2.58%	310	1	0.32%	5111	100	1.96%
2009	31419	247	0.79%	6303	6	0.10%	13566	77	0.57%	1719	9	0.52%	53007	339	0.64%
2010	1191	8	0.67%	559	0	0.00%	190	0	0.00%	175	1	0.57%	2115	9	0.43%
2011	126	1	0.79%	64	0	0.00%	23	1	4.35%	17	0	0.00%	230	2	0.87%
2012	63	2	3.17%	18	0	0.00%	3	0	0.00%	5	0	0.00%	89	2	2.25%
2013	38	1	2.63%	7	0	0.00%	0	0	0.00%	3	0	0.00%	48	1	2.08%
	347107	28807	8.30%	66616	1526	2.29%	147752	7987	5.41%	30350	1329	4.38%	591825	39649	6.70%

40 CFR Part 51.366 (a)(2)(xiii) –(xviii)

There is no data for comparing on-board diagnostic tests with other test types because Wisconsin only conducts on-board diagnostic tests.

Check Engine Light (MIL) Test Results

A small population of vehicles in southeastern Wisconsin produces most of the vehicle exhaust pollution – these are the so-called gross polluters. As vehicles are driven, problems can develop because of defective parts, improper maintenance or simply from deterioration due to age and usage. This helps explain why a vehicle can be relatively clean one year and become a gross polluter at the time of its next inspection. Since hydrocarbon, carbon monoxide and nitrogen oxides are invisible, a vehicle inspection is an effective method to ensure that a vehicle is not polluting excessively.

In most cases, if the vehicle's check engine light is "commanded on" due to an emission component malfunction, the Diagnostic Trouble Codes (DTC) record and print on the Vehicle Inspection Report (VIR) given to the motorist. The vehicle will fail this portion of the inspection if the check engine light is "commanded on". There are also some instances, where the check engine light is on but no DTCs are stored. In either case, the vehicle will need repairs before returning for a re-inspection.

40 CFR Part 51.366 (a)(2)(xix)

The number of vehicles tested by model year and vehicle type where the MIL is commanded on and no codes are stored.

EPA a2xix: MIL Commanded On, No DTCs

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	MIL ON No Code	% Fail	Test Count	MIL ON No Code	% Fail	Test Count	MIL ON No Code	% Fail	Test Count	MIL ON No Code	% Fail	Test Count	MIL On No Code	% Fail
1996	6028	0	0.000%	716	0	0.000%	1815	0	0.000%	459	0	0.000%	9018	0	0.000%
1997	26500	0	0.000%	3117	0	0.000%	10790	0	0.000%	1842	0	0.000%	42249	0	0.000%
1998	8616	0	0.000%	1200	0	0.000%	2544	0	0.000%	737	0	0.000%	13097	0	0.000%
1999	38397	5	0.013%	5924	0	0.000%	15789	0	0.000%	3126	0	0.000%	63236	5	0.008%
2000	11435	1	0.009%	1643	1	0.061%	2875	0	0.000%	1126	0	0.000%	17079	2	0.012%
2001	45781	12	0.026%	6214	0	0.000%	19335	0	0.000%	3641	1	0.027%	74971	13	0.017%
2002	14507	7	0.048%	2266	0	0.000%	2903	0	0.000%	1215	3	0.247%	20891	10	0.048%
2003	47239	8	0.017%	10208	0	0.000%	22840	0	0.000%	4472	0	0.000%	84759	8	0.009%
2004	9417	0	0.000%	2480	0	0.000%	2752	0	0.000%	682	0	0.000%	15331	0	0.000%
2005	46510	0	0.000%	11120	0	0.000%	25352	1	0.004%	5783	0	0.000%	88765	1	0.001%
2006	9113	0	0.000%	2023	0	0.000%	2354	0	0.000%	901	0	0.000%	14391	0	0.000%
2007	48063	2	0.004%	11846	0	0.000%	23390	0	0.000%	4139	0	0.000%	87438	2	0.002%
2008	2654	0	0.000%	907	0	0.000%	1240	0	0.000%	310	0	0.000%	5111	0	0.000%
2009	31419	0	0.000%	6303	0	0.000%	13566	0	0.000%	1719	0	0.000%	53007	0	0.000%
2010	1191	0	0.000%	559	0	0.000%	190	0	0.000%	175	0	0.000%	2115	0	0.000%
2011	126	0	0.000%	64	0	0.000%	23	0	0.000%	17	0	0.000%	230	0	0.000%
2012	63	0	0.000%	18	0	0.000%	3	0	0.000%	5	0	0.000%	89	0	0.000%
2013	38	0	0.000%	7	0	0.000%	0	0	0.00%	3	0	0.000%	48	0	0.000%
	347097	35	0.010%	66615	1	0.002%	147761	1	0.001%	30352	4	0.013%	591825	41	0.007%

Another condition that occurs is the vehicle's check engine light is "NOT commanded on" but a Diagnostic Trouble Code (DTC) is stored within the vehicle's computer. The most likely reason for this condition is a pending code indicating a problem within the vehicle that has not yet met the threshold for activating the check engine light, or a condition that has since resolved itself. The MIL is not "commanded on" and the vehicle will pass this portion of the inspection.

40 CFR Part 51.366 (a)(2)(xx)

The number of vehicles tested by model year and vehicle type where the MIL is not commanded on and codes are stored.

40 CFR Part 51.366 (a)(2)(xxi)

The number of vehicles tested by model year and vehicle type where the MIL is commanded on and codes are stored.

EPA a2xx: MIL Not Commanded, DTCs Stored

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	No MIL W/ Code	% Fail	Test Count	No MIL W/ Code	% Fail	Test Count	No MIL W/ Code	% Fail	Test Count	No MIL W/ Code	% Fail	Test Count	No MIL W/ Code	% Fail
1996	6028	0	0.000%	716	0	0.000%	1815	0	0.000%	459	0	0.000%	9018	0	0.000%
1997	26500	0	0.000%	3117	0	0.000%	10790	0	0.000%	1842	0	0.000%	42249	0	0.000%
1998	8616	0	0.000%	1200	0	0.000%	2544	0	0.000%	737	0	0.000%	13097	0	0.000%
1999	38397	0	0.000%	5924	0	0.000%	15789	0	0.000%	3126	0	0.000%	63236	0	0.000%
2000	11435	0	0.000%	1643	0	0.000%	2875	0	0.000%	1126	0	0.000%	17079	0	0.000%
2001	45781	0	0.000%	6214	0	0.000%	19335	0	0.000%	3641	0	0.000%	74971	0	0.000%
2002	14507	0	0.000%	2266	0	0.000%	2903	0	0.000%	1215	0	0.000%	20891	0	0.000%
2003	47239	0	0.000%	10208	0	0.000%	22840	0	0.000%	4472	0	0.000%	84759	0	0.000%
2004	9417	0	0.000%	2480	0	0.000%	2752	0	0.000%	682	0	0.000%	15331	0	0.000%
2005	46510	2	0.004%	11120	0	0.000%	25352	0	0.000%	5783	0	0.000%	88765	2	0.002%
2006	9113	1	0.011%	2023	0	0.000%	2354	0	0.000%	901	0	0.000%	14391	1	0.007%
2007	48063	1	0.002%	11846	0	0.000%	23390	0	0.000%	4139	0	0.000%	87438	1	0.001%
2008	2654	0	0.000%	907	0	0.000%	1240	0	0.000%	310	0	0.000%	5111	0	0.000%
2009	31419	0	0.000%	6303	0	0.000%	13566	0	0.000%	1719	0	0.000%	53007	0	0.000%
2010	1191	0	0.000%	559	0	0.000%	190	0	0.000%	175	0	0.000%	2115	0	0.000%
2011	126	0	0.000%	64	0	0.000%	23	0	0.000%	17	0	0.000%	230	0	0.000%
2012	63	0	0.000%	18	0	0.000%	3	0	0.000%	5	0	0.000%	89	0	0.000%
2013	38	0	0.000%	7	0	0.000%	0	0	0.00%	3	0	0.000%	48	0	0.000%
	347097	4	0.001%	66615	0	0.000%	147761	0	0.000%	30352	0	0.000%	591825	4	0.001%

Data in this report only available from July 1, 2012 – December 31, 2012.

EPA a2xxi: MIL Commanded On, DTCs Stored

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	MIL On W/ Code	% Fail	Test Count	MIL On W/ Code	% Fail	Test Count	MIL On W/ Code	% Fail	Test Count	MIL On W/ Code	% Fail	Test Count	MIL On W/ Code	% Fail
1996	3009	426	14.16%	432	28	6.48%	492	48	9.76%	272	19	6.99%	4205	521	12.39%
1997	13027	1715	13.16%	2642	87	3.29%	2621	215	8.20%	1566	60	3.83%	19856	2077	10.46%
1998	4339	621	14.31%	661	30	4.54%	672	55	8.18%	417	32	7.67%	6089	738	12.12%
1999	19256	2324	12.07%	5146	98	1.90%	3058	175	5.72%	2689	69	2.57%	30149	2666	8.84%
2000	5907	628	10.63%	939	29	3.09%	699	43	6.15%	613	25	4.08%	8158	725	8.89%
2001	23169	2801	12.09%	5422	78	1.44%	4030	209	5.19%	3184	83	2.61%	35805	3171	8.86%
2002	6600	588	8.91%	1220	21	1.72%	717	40	5.58%	823	173	21.02%	9360	822	8.78%
2003	23902	1832	7.66%	9134	59	0.65%	3913	183	4.68%	3991	36	0.90%	40940	2110	5.15%
2004	5461	258	4.72%	1451	13	0.90%	748	18	2.41%	402	6	1.49%	8062	295	3.66%
2005	23823	1150	4.83%	9956	35	0.35%	3654	102	2.79%	5220	17	0.33%	42653	1304	3.06%
2006	5426	165	3.04%	1174	6	0.51%	596	15	2.52%	563	2	0.36%	7759	188	2.42%
2007	24034	607	2.53%	10863	14	0.13%	4062	89	2.19%	3797	8	0.21%	42756	718	1.68%
2008	1700	32	1.88%	797	1	0.13%	298	3	1.01%	254	0	0.00%	3049	36	1.18%
2009	16217	124	0.76%	6186	1	0.02%	2039	15	0.74%	1678	0	0.00%	26120	140	0.54%
2010	1184	8	0.68%	558	0	0.00%	187	0	0.00%	173	1	0.58%	2102	9	0.43%
2011	124	1	0.81%	64	0	0.00%	22	0	0.00%	17	0	0.00%	227	1	0.44%
2012	61	1	1.64%	18	0	0.00%	2	0	0.00%	5	0	0.00%	86	1	1.16%
2013	38	1	2.63%	7	0	0.00%	0	0	0.00%	3	0	0.00%	48	1	2.08%
	177277	13282	7.49%	56670	500	0.88%	27810	1210	4.35%	25667	531	2.07%	287424	15523	5.40%

40 CFR Part 51.366 (a)(2)(xxii)

The number of vehicles tested by model year and vehicle type where the MIL is not commanded on and codes are not stored.

EPA a2xxii: MIL Not Commanded, No DTCs Stored

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	No MIL No Code	% Pass	Test Count	No MIL No Code	% Pass	Test Count	No MIL No Code	% Pass	Test Count	No MIL No Code	% Pass	Test Count	No MIL No Code	% Pass
1996	6028	5600	92.90%	716	687	95.95%	1815	1767	97.36%	459	440	95.86%	9018	8494	94.19%
1997	26500	24779	93.51%	3120	3033	97.21%	10787	10570	97.99%	1842	1782	96.74%	42249	40164	95.06%
1998	8616	7993	92.77%	1200	1168	97.33%	2544	2489	97.84%	737	705	95.66%	13097	12355	94.33%
1999	38397	36060	93.91%	5924	5825	98.33%	15789	15613	98.89%	3126	3056	97.76%	63236	60554	95.76%
2000	11435	10806	94.50%	1643	1613	98.17%	2875	2832	98.50%	1126	1101	97.78%	17079	16352	95.74%
2001	45781	42956	93.83%	6214	6136	98.74%	19335	19126	98.92%	3641	3557	97.69%	74971	71775	95.74%
2002	14507	13905	95.85%	2266	2244	99.03%	2903	2861	98.55%	1215	1039	85.51%	20891	20049	95.97%
2003	47239	45388	96.08%	10208	10146	99.39%	22840	22655	99.19%	4472	4435	99.17%	84759	82624	97.48%
2004	9418	9155	97.21%	2479	2464	99.39%	2752	2733	99.31%	682	676	99.12%	15331	15028	98.02%
2005	46511	45344	97.49%	11119	11081	99.66%	25352	25247	99.59%	5783	5764	99.67%	88765	87436	98.50%
2006	9113	8945	98.16%	2023	2016	99.65%	2354	2339	99.36%	901	899	99.78%	14391	14199	98.67%
2007	48063	47442	98.71%	11846	11828	99.85%	23390	23301	99.62%	4139	4127	99.71%	87438	86698	99.15%
2008	2654	2622	98.79%	907	905	99.78%	1240	1237	99.76%	310	310	100.00%	5111	5074	99.28%
2009	31419	31289	99.59%	6303	6300	99.95%	13566	13550	99.88%	1719	1719	100.00%	53007	52858	99.72%
2010	1191	1181	99.16%	559	558	99.82%	190	190	100.00%	175	173	98.86%	2115	2102	99.39%
2011	126	125	99.21%	64	64	100.00%	23	23	100.00%	17	17	100.00%	230	229	99.57%
2012	63	62	98.41%	18	18	100.00%	3	3	100.00%	5	5	100.00%	89	88	98.88%
2013	38	37	97.37%	7	7	100.00%	0	0	0.00%	3	3	100.00%	48	47	97.92%
	347099	333689	96.14%	66616	66093	99.21%	147758	146536	99.17%	30352	29808	98.21%	591825	576126	97.35%

Readiness Monitors

A vehicle's OBD system continually tracks and stores information about the emission control devices and other engine related components. Readiness monitors indicate if emission system components have experienced any driving conditions that prevent the vehicle from operating as designed by the manufacturer. The test equipment reads the readiness monitor statuses as part of the vehicle emissions inspection.

Vehicles "Not Ready" for OBD testing receive a reject test result. For 1996 - 2000 model year vehicles, a vehicle can have up to two readiness monitors unset; for 2001 and newer vehicles; only one readiness monitor can be unset. Vehicles receive a Reject inspection result if the unset readiness monitors exceed these requirements. The vehicle must have this condition corrected before re-testing occurs.

40 CFR Part 51.366 (a)(2)(xxiii)

This report shows the number of vehicles tested by model year and vehicle type, where the readiness status indicates that the evaluation is not complete, for any module supported by on-board diagnostic systems.

EPA a2xxiii: Readiness Monitors Not Complete

Model Year	Passenger Car			SUV			Truck			Van			Total		
	Test Count	Monitor Failed	% Fail	Test Count	Monitor Failed	% Fail	Test Count	Monitor Failed	% Fail	Test Count	Monitor Failed	% Fail	Test Count	Monitor Failed	% Fail
1996	7060	455	6.44%	817	40	4.90%	2078	56	2.69%	515	31	6.02%	10470	582	5.56%
1997	29273	1595	5.45%	3523	298	8.46%	11770	247	2.10%	2125	191	8.99%	46691	2331	4.99%
1998	9848	597	6.06%	1364	63	4.62%	3013	115	3.82%	860	38	4.42%	15085	813	5.39%
1999	42076	1982	4.71%	6461	364	5.63%	16857	238	1.41%	3452	205	5.94%	68846	2789	4.05%
2000	12789	618	4.83%	1757	62	3.53%	3242	68	2.10%	1251	59	4.72%	19039	807	4.24%
2001	52613	3886	7.39%	7069	579	8.19%	21896	588	2.69%	4311	491	11.39%	85889	5544	6.45%
2002	16818	848	5.04%	2519	116	4.61%	3308	51	1.54%	1775	124	6.99%	24420	1139	4.66%
2003	50967	2138	4.19%	10931	429	3.92%	24208	311	1.28%	4931	289	5.86%	91037	3167	3.48%
2004	10220	391	3.83%	2695	87	3.23%	3014	52	1.73%	731	22	3.01%	16660	552	3.31%
2005	48628	1120	2.30%	11696	327	2.80%	26398	225	0.85%	6008	129	2.15%	92730	1801	1.94%
2006	9601	234	2.44%	2127	44	2.07%	2512	31	1.23%	949	22	2.32%	15189	331	2.18%
2007	49510	545	1.10%	12182	156	1.28%	24010	119	0.50%	4332	80	1.85%	90034	900	1.00%
2008	2772	48	1.73%	927	11	1.19%	1313	15	1.14%	322	7	2.17%	5334	81	1.52%
2009	32046	209	0.65%	6438	51	0.79%	13774	62	0.45%	1774	27	1.52%	54032	349	0.65%
2010	1213	13	1.07%	570	2	0.35%	199	2	1.01%	182	5	2.75%	2164	22	1.02%
2011	131	3	2.29%	67	1	1.49%	24	0	0.00%	20	2	10.00%	242	6	2.48%
2012	72	7	9.72%	18	0	0.00%	7	3	42.86%	8	3	37.50%	105	13	12.38%
2013	45	6	13.33%	7	0	0.00%	5	0	0.00%	3	0	0.00%	60	6	10.00%
	375682	14695	3.91%	71168	2630	3.70%	157628	2183	1.38%	33549	1725	5.14%	638027	21233	3.33%

Initial Test Volume by Model Year and Station

40 CFR Part 51.366 (a)(3)

The initial test volume by model year and test station.

Data found in Appendix I

40 CFR Part 51.366 (a)(4)

The initial test failure rate by model year and test station.

Report Sample; Full Report found in Appendix I

(ETEST denotes centralized tests conducted between Jan 1 –June 30, 2012)

EPA a4: Initial Tests Failed by Model Year and															
Station ID	1996			1997			1998			1999			2000		
	Test Cnt	Fail Cnt	%Fail												
ETEST001	4452	925	20.8%	21422	2742	12.8%	6571	1148	17.5%	31944	3145	9.8%	8451	1115	13.2%
WIST1002	40	7	17.5%	123	17	13.8%	66	6	9.1%	196	22	11.2%	60	3	5.0%
WIST1003	5	0	0.0%	43	2	4.7%	6	0	0.0%	64	6	9.4%	15	0	0.0%
WIST1005	9	1	11.1%	48	4	8.3%	12	0	0.0%	72	2	2.8%	11	0	0.0%
WIST1006	19	4	21.1%	54	4	7.4%	19	1	5.3%	94	3	3.2%	31	1	3.2%
WIST1011	9	0	0.0%	60	7	11.7%	10	3	30.0%	107	5	4.7%	15	0	0.0%
WIST2001	41	3	7.3%	124	13	10.5%	38	3	7.9%	166	14	8.4%	68	5	7.4%
WIST2003	10	1	10.0%	65	6	9.2%	14	1	7.1%	107	13	12.1%	32	1	3.1%
WIST2006	3	1	33.3%	15	3	20.0%	6	0	0.0%	29	3	10.3%	7	0	0.0%
WIST2007	15	1	6.7%	71	5	7.0%	24	2	8.3%	93	8	8.6%	24	1	4.2%
WIST2008	14	2	14.3%	66	6	9.1%	22	3	13.6%	130	16	12.3%	26	0	0.0%
WIST2010	10	1	10.0%	44	6	13.6%	9	0	0.0%	68	1	1.5%	20	1	5.0%
WIST2013	22	0	0.0%	119	16	13.4%	35	4	11.4%	196	13	6.6%	48	5	10.4%
WIST2014	41	7	17.1%	135	27	20.0%	62	10	16.1%	180	38	21.1%	83	16	19.3%
WIST2015	9	0	0.0%	42	5	11.9%	11	1	9.1%	71	3	4.2%	18	1	5.6%
WIST2016	14	2	14.3%	26	2	7.7%	22	6	27.3%	50	8	16.0%	14	0	0.0%
WIST2017	3	0	0.0%	9	2	22.2%	4	0	0.0%	28	2	7.1%	8	0	0.0%
WIST3002	9	0	0.0%	56	5	8.9%	9	0	0.0%	73	5	6.8%	19	1	5.3%
WIST3003	14	2	14.3%	72	15	20.8%	16	1	6.3%	98	13	13.3%	17	0	0.0%
WIST3004	8	1	12.5%	61	4	6.6%	20	6	30.0%	93	7	7.5%	32	1	3.1%
WIST3005	8	2	25.0%	53	1	1.9%	14	1	7.1%	90	8	8.9%	27	2	7.4%
WIST3006	5	0	0.0%	38	2	5.3%	12	0	0.0%	56	4	7.1%	11	1	9.1%
WIST3007	4	0	0.0%	26	2	7.7%	14	0	0.0%	34	1	2.9%	11	1	9.1%
WIST3012	13	0	0.0%	46	2	4.3%	17	0	0.0%	89	10	11.2%	28	0	0.0%
WIST3013	26	2	7.7%	82	12	14.6%	27	7	25.9%	114	16	14.0%	46	9	19.6%
WIST3014	4	1	25.0%	31	3	9.7%	11	0	0.0%	63	5	7.9%	10	2	20.0%

40 CFR Part 51.366 (a)(5)

The average increase or decrease in tailpipe emission levels for HC, CO and NOX (if applicable) after repairs by model year and vehicle type for vehicles receiving a mass emissions test.

Not Applicable – On-Board Diagnostic Testing Only

Testing Network

The first six months of 2012 continued the centralized network of nine inspection facility locations with 39 lanes, and two Technical Assistance Center locations listed below. The decentralized testing network began on July 1, 2012, and consists of 200 private inspection facilities with 200 lanes and 5 Technical Assistance Centers. PIF locations listed below in Table I. TAC locations are listed in Table II on p.28.

40 CFR Part 51.366 (b)(1)(i)

The number of inspection stations and lanes.

Centralized Stations	Addresses	Lanes
West Bend	2001 Stonebridge Circle West Bend, WI 53095	3
Waukesha	508 W Bluemound Rd. Waukesha, WI 53188	6
Milwaukee South	1101 W. Boden Ct. Milwaukee, WI 53221	4
Milwaukee North	7929 W. Clinton Ave. Milwaukee, WI 53223	4
Milwaukee Central	2401 W. St. Paul Ave. Milwaukee, WI 53233	4
West Allis.	423 S. Curtis Rd West Allis, WI 53214.	5
Racine	1913 Melvin Ave. Racine, WI 53404	3
Kenosha	5910 - 77th Street Kenosha, WI 53142	4
Sheboygan	4528 Gateway Dr. Sheboygan, WI 53081	4
TAC-South	561 W. College Ave. Oak Creek, WI 53154	1
TAC-North	7936 W. Clinton Ave. Milwaukee, WI 53223	1
		39

Table I: Decentralized PIF Network 2012

PIF	Address	City	PIF	Address	City
688-Cars.inc,	W230 S8895 Clark St.	Big Bend	Chuck's Main St. Auto	N64 W23876 Main St.	Sussex
Aamco Transmission #15160 (#423)	9055 N. 76th St.	Milwaukee	Cleveland Avenue Automotive	8440 W. Cleveland Ave.	West Allis
Accelerated Auto Service	667 W. State St.	Burlington	Curriepark Auto Center	10745 W. Capitol Dr.	Wauwatosa
Affordable Car & Marine Firestone	12465 W. Lisbon Rd	Brookfield	Dads Auto Service	S98 W12575 Loomis Ct.	Muskego
Allenton Service	5908 Hillcrest Dr.	Allenton	Dave's American Discount Muffler	8719 Sheridan Rd	Kenosha
American Muffler & Automotive	5933 S. Pine St.	Burlington	Dave's Garage Inc.	5454 W. Forest Home Ave.	Greenfield
Anastos Motors Inc.	4513 S. Greenbay Rd	Kenosha	Dave's Truck & 4 X 4 Repair, LLC	2993 Sherman Rd.	Jackson
Anaya's Auto Repair	2515 52nd St.	Kenosha	Dodge City of Milwaukee	19100 W. Capitol Dr.	Brookfield
Anderson Automotive	240 Highland Dr.	Fredonia	Durand Automotive Center	1623 Durand Ave.	Racine
Apple Automotive	N47 W28229 Lynndale Rd	Pewaukee	E.J. Salentine Buick	14444 W. Janesville Rd	Muskego
Aurora Auto Care	2083 S. Muskego Ave.	Milwaukee	Engine & Transmission Exchange	2727 S. 27th St.	Milwaukee
Auto Analyzers	8404 W. Greenfield Ave.	West Allis	Engine & Transmission Exchange	1604 S. West Ave.	Waukesha
Auto ConnectionZ	N56 W39413 Hwy 16	Oconomowoc	Ernie von Schledorn, Inc.	N88 W14167 Main St.	Menomonee Falls
Auto House Waukesha	1611 Lincoln Ave	Waukesha	Ewald Chevrolet	36833 E. Wisconsin Ave	Oconomowoc
Automotive Solutions	215 Klein Lane	Saukville	Ewald Venus Ford	2727 E. Layton Ave.	Cudahy
B & G Auto	9105 W. Hampton Ave.	Milwaukee	Expert Car Care Inc.	6803 W. National Ave.	West Allis
Badger Truck Center	2326 W. St. Paul Ave	Milwaukee	F & F Tire World	7425 W. Holmes Ave.	Greenfield
Bluemound Auto Service	6000 W. Bluemound Rd	Wauwatosa	F & F Tire World	N86 W16370 Appleton Ave.	Menomonee Falls
Bob Fish Buick GMC	2275 S. Main St.	West Bend	F & F Tire World	2930 W. Rawson Ave.	Franklin
Bob's Main Street Auto & Tow	115 W. Decorah Rd	West Bend	F & F Tire World	410 N. Mooreland Rd	Brookfield
Bohl Automotive	2525 Douglas Ave	Racine	F & F Tire World	20120 Bluemond Rd.	Brookfield
Boucher Chevrolet, Inc.	1421 E. Moreland Blvd	Waukesha	F & F Tire World	4671 S. 27th St.	Greenfield
Boucher Kia	8730 N. 91st St	Milwaukee	Falls Auto Tech	N84 W15859 Appleton Ave.	Menomonee Falls
Braeger Chevy Inc	4100 S. 27th St	Milwaukee	Farkas Automotive Inc.	8008 N. Sherman	Brown Deer
Braeger Ford Inc	4201 S. 27th St	Milwaukee	Fleet Auto Sales & Service	7400 W. National Ave.	West Allis
Burgess Car & Truck Service Center	9018 W CONRAD LANE	West Allis	Frank Boucher Chevrolet Cadillac	8600 Washington Ave.	Racine

PIF	Address	City	PIF	Address	City
Butler Auto Body	4830 N. 125th St.	Butler	G-Brock's Auto Repair	375 E. Ottawa Ave	Dousman
C J Automotive Inc.	1429 E. Main St # A	Waukesha	Girard's Service	5517 W. Rawson Ave.	Franklin
Carlton Automotive Inc.	1318 Center St., PO Box 700288	Oostburg	Gordie Boucher Ford	8301 75th St.	Kenosha
Carwurx	6906 S. 27th ST.	Oak Creek	Gordie Boucher Ford Lincoln	3021 W. Washington St.	West Bend
Carwurx Plus	10685 W. Layton Ave.	Greenfield	Gordon's Wheel Service	3595 N. 124 St.	Brookfield
Chris Auto Service	14000 W. Greenfield Ave.	Brookfield	Grady's Automotive Inc.	6272 S. Packard Ave	Cudahy
Girard's Service	5517 W. Rawson Ave.	Franklin	Lisbon Sales & Services	7515 W. Lisbon Ave.	Milwaukee
Gordie Boucher Ford	8301 75th St.	Kenosha	Lois Tire Shop	916 Milwaukee Ave.	Burlington
Gordie Boucher Ford Lincoln	3021 W. Washington St.	West Bend	Lutter's Elmbrook Automotive	16880 Greenfield Avenue	Brookfield
Gordon's Wheel Service	3595 N. 124 St.	Brookfield	Lynch Chevrolet of Kenosha	7650 75th St.	Kenosha
Grady's Automotive Inc.	6272 S. Packard Ave	Cudahy	Lynch GM Superstore	2300 Browns Lake Dr.	Burlington
Griffin Ford	1940 E. Main St.	Waukesha	Lynch Truck Center	29000 Sharon Lane	Waterford
Hall Automotive	11011 W. North Ave	Milwaukee	M & M Citgo	2101 Douglas Ave.	Racine
Hartland Services Inc.	400 Industrial Dr	Hartland	Maddison Automotive	210 N. Wales Rd.	Wales
Hartnell Chevrolet	7800 Antioch Rd. (Hwy 83)	Salem	Martin's Automotive Services	W230 S8750 Wynn Dr	Big Bend
Heiser Quick Motors	7800 N 76th St.	Milwaukee	Mayer Automotive LLC.	W6082 Hwy W	Cascade
Heiser Toyota	11301 W. Metro Blvd.	Milwaukee	Meineke Car Care Center	10214 W. Greenfield Ave.	West Allis
Herman's Complete Car Care LLC	W68 N954 Washington Ave.	Cedarburg	Meineke Car Care Center	6702 - 39th Ave.	Kenosha
Hillside Auto Body & Service	1336 East Main St.	Waukesha	Mertens Auto Service Center	389 Milwaukee Ave.	Burlington
Hoffman Auto & Tire	5616 Green Bay Rd	Kenosha	Meyer Motors Inc.	107 Plaza Lane	Plymouth
Holz Motors Inc.	5961 S. 108th Place	Hales Corners	Midas	1230 S. Green Bay Rd	Racine
Honda of Kenosha	12180 77th St	Bristol	Midas	4500 52nd St.	Kenosha
Import Minded Inc.	4200 S. 27th St.	Milwaukee	Midas	N96 W18375 Hwy Q	Menomonee Falls
Import Specialists Inc.	2121 N. Hwy 31	Racine	Midas	6050 N. 91st St.	Milwaukee
Jacks Auto Service Inc.	9901 Kraut Rd	Franksville	Midas Auto Service Center	3706 W. Wisconsin Ave.	Milwaukee
Jenior Tire & Automotive Service Inc.	201 S Main St.	Thiensville	Midas Auto Service Center	5811 W. Capitol Dr.	Milwaukee
Jerry's Auto Service Inc.	W229 N2467 Hwy F	Waukesha	Mobil Auto Care	5505 Durand Ave.	Racine

PIF	Address	City	PIF	Address	City
Jim's Mobil Service Inc.	12401 W. Cleveland Ave.	New Berlin	Mobil1 Lube Express	2757 Calumet Dr.	Sheboygan
John Amato Hyundai Inc.	8301 N. 76th St.	Milwaukee	Monro	N88 W15176 Main St.	Menomonee Falls
John Paul's Buick GMC	3615 S. 108th St.	Greenfield	Monro	5930 W. Bluemound Rd	Milwaukee
Komp Tech Automotive Service	8832 W. Greenfield Ave.	West Allis	Monro	3849 S. 27th St.	Milwaukee
Koplein Tune & Lube	7960 N. 76th St.	Milwaukee	Monro	1212 S. 108th St.	West Allis
Krueger's Auto Tech Center	W61 N225 Cardinal Ave.	Cedarburg	Monro	7500 W. Layton Ave.	Greenfield
Kusch's Automotive	136 N. 120th St.	Wauwatosa	Monro	6084 S. Packard Ave.	Cudahy
Laubenheimer's Garage LLC	1860 Hwy 175, PO Box 36	Richfield	Monro	13190 W. Capitol Dr.	Brookfield
Laus Tire & Auto	5025 W. Villard Ave.	Milwaukee	Moorland Auto Repair Inc.	3890 S. Moorland Rd	New Berlin
Lindem's Auto Repair	117 E. Capitol Dr	Milwaukee	Muskego Tire & Auto	S73 W16610 Janesville Rd	Muskego
National Complete Auto Care	16405 W. National Ave.	New Berlin	Ruby Isle Auto	11137 W. Silver Spring Dr.	Milwaukee
National Muffler & Brake	1614 W. National Ave.	Milwaukee	Russ Darrow Chrysler Jeep Dodge	7676 North 76th St	Milwaukee
National Muffler & Brake	5740 W. Fond du Lac Ave.	Milwaukee	Russ Darrow Honda	9301 West Brown Deer Rd	Milwaukee
National Pride Auto	5512 75th St.	Kenosha	Russ Darrow Kia of Waukesha	2141 E. Moreland Blvd	Waukesha
Nelson's Automotive of Pewaukee	N49 W22900 Commerce Dr.	Pewaukee	Russ Darrow Kia of Wauwatosa	1901 N. Mayfair Rd	Wauwatosa
Newman Chevrolet	1181 Wauwatosa Rd	Cedarburg	Russ Darrow Mazda	3520 South 108th Street	Greenfield
North Avenue Firestone	4926 W. North Ave.	Milwaukee	Russ Darrow Mitsubishi	W226 S1700 Hwy 164	Waukesha
Oak Creek Automotive Inc.	7948 S. 27th St.	Oak Creek	Russ Darrow Nissan	9201 W. Brown Deer Rd	Milwaukee
O'Gorman's West Town Auto	7105 W. North Ave.	Wauwatosa	Russ Darrow Toyota	2700 W. Washington St.	West Bend
O'Reilly Motor Cars Inc	324 West Cherry St.	Milwaukee	Russ Darrow West Bend	2310 W. Washington St.	West Bend
Palmen Buick, GMC, Cadillac	7110 74th Place	Kenosha	Salem Auto Service	8515 Antioch Rd	Salem
Passehl's BP	4625 Taylor Ave.	Racine	Schaefer Service Center	1130 E. Commerce Blvd	Slinger
Paul's Bender Center	8313 22nd Ave.	Kenosha	Schlossmann's Honda City	3450 South 108th St.	Greenfield
Pinkalla Auto Solutions	3059 Durand Ave.	Racine	Schmidt Bros Ford Lincoln	925 E. Green Bay Rd	Saukville
Power's Tire & Auto Service	3347 Kohler Memorial Ste. 24	Sheboygan	Schmidt Ford	121 N Main St.	Thiensville
Pro Auto Center	303 E. Monroe Ave.	Hartford	Scorsone Automotive Inc.	7200 W. Good Hope Rd	Milwaukee
R & R Automotive	6930 39th Ave.	Kenosha	Sheboygan Chevrolet GMC Buick	3400 S. Business Dr.	Sheboygan

PIF	Address	City	PIF	Address	City
Racine Auto Specialist	2320 Douglas Ave.	Racine	Silver Lake Auto Service Inc.	36355 E. Wisconsin Ave.	Oconomowoc
Ralph's Auto Center Inc.	W395 W5700 Frontier Rd	Oconomowoc	Silver Lake Auto Service Inc.	551 N. Cogswell Dr.	Silver Lake
Rhode's Auto & Truck Repair	8640 Sheridan Rd	Kenosha	Sippl's Auto Service Inc.	N87 W17460 Main St.	Menomonee Falls
Richfield Service	1810 Wolf Rd	Richfield	South Milwaukee Car Care Center	1221 N. Chicago Ave.	Milwaukee
Richlen and Sons	6427 W. Lincoln Ave.	West Allis	Southtown Tire & Auto	2906 S. 108th St.	West Allis
Richlonns Tire & Service Center	4440 S. 108th St.	Greenfield	Subaru City	4640 S. 27th St.	Milwaukee
Richlonns Tire & Service Center	S78 W18755 Janesville Rd	Muskego	Super Lube	922 W. Sunset Dr.	Waukesha
Richlonns Tire & Service Center	5131 S. 76th St.	Greendale	Tenhagen Auto Service	21445 Durand Ave.	Union Grove
Richlonns Tire & Service Center	2480 W. Sunset Dr.	Waukesha	Theel Auto Inc.	N8364 County Rd J	Elkhart Lake
Richlonns Tire & Service Centers	5418 Washington Ave.	Racine	Tires Unlimited Automotive Service	1557 N. Wisconsin St.	Port Washington
River Crest Tire & Auto Service	880 Main St.	Mukwonago	Toor Auto Services	4161 S. Howell Ave.	Milwaukee
River Falls Oil & Tire	N88W15220 Main St.	Menomonee Falls	Trust Tire & Auto Service	10432 N. Port Washington Rd	Mequon
Rivers Edge Oil & Tire	811 S. Rochester St.	Mukwonago	Twenty First Century Auto	5300 W. Forest Home Ave.	Milwaukee
Royal Car Care	2006 W. Oklahoma Ave.	Milwaukee	Uptown Chevrolet	1101 E. Commerce BLvd	Slinger
Valvoline	3360 S. 27th St.	Milwaukee	Weissman Automotive	W140 N10455 Fond du Lac Ave.	Germantown
Valvoline	112 S. 68th St.	Milwaukee	Welks Automotive	8333 W. Layton Ave.	Greenfield
Van Horn Dodge	3000 Eastern Ave	Plymouth	West Bend Tire Co.	2001 Parkway Dr.	West Bend
Village Car Care LLC.	447 Bay View Rd	Mukwonago	Westside Auto Center	820 W. Sumner St.	Hartford
Village Tire & Auto	W172 N12185 Division Rd	Germantown	Wilde Toyota	3225 S. 108 St.	West Allis
Wales Super Lube #421	120 W. Summit Ave	Wales	Wilmot Auto Service Inc.	11307 Fox River Rd	Wilmot
Waukesha U-Haul and Emission Auto Service Center	2210 Silvernail Rd	Pewaukee	Wisconsin Muffler	3634 W. Lincoln Ave.	Milwaukee
Weigman's Automotive Inc	7169 W. Fond Du Lac Ave	Milwaukee	Wisconsin Muffler	13320 W. College Ave.	New Berlin
			WJ Kuhn Automotive Center Inc.	8511 S. Howell Ave.	Oak Creek

Table II. Decentralized Network TAC Locations

TAC	Address	Town	ZIP
Anaya's Auto Repair	2515 52nd St.	Kenosha	53140
Auto Analyzers	8404 W. Greenfield Ave.	West Allis	53214
Automotive Solutions	215 Klein Ln.	Saukville	53080
Jerry's Auto Service Inc.	W229 N2467 Hwy F	Waukesha	53186
Schaefer Service Center	1130 E. Commerce Blvd	Slinger	53086

Overt and Covert Performance Audits

State auditors conduct overt performance audits in conjunction with their equipment audits each week at the inspection facilities. The following table addresses the overt and covert performance audit activity. There were six covert audits conducted in 2012.

40 CFR Part 51.366 (b)(2)(i), (ii),(v)

The number of inspection stations and lanes operating throughout the year:

- (i) Receiving overt performance audits in the year - 238
- (ii) Not receiving overt audits in the year - 4
- (iii) Receiving covert audits in the year - 6
- (iv) PIFs not receiving covert audits in the year- 236
- (v) PIFs shut down because of overt performance audits- 0

Covert Audits

40 CFR Part 51.366 (b)(3)

There were six covert audits conducted in 2012

Fines, Suspension or Termination Due to Audit Failures

40 CFR Part 51.366 (b)(4)

No inspectors or stations were suspended, fined or prohibited from testing resulting from overt or covert audits.

Number of inspectors licensed or certified to conduct testing:

40 CFR Part 51.366 (b)(5)

There were 1,563 inspectors certified to conduct tests in 2012.
Sixty-three from Jan – June and 1,500 July – December

Number of hearings:

40 CFR Part 51.366 (b)(6)

There were 0 hearings held to consider adverse actions against
inspectors and stations.

Fines:

40 CFR Part 51.366 (b)(7)

There was \$0 collected in fines from inspectors and stations.

Covert Audits:

40 CFR Part 51.366 (b)(8)

There was one covert vehicle available for undercover audits.

40 CFR Part 51.366 (b)(9)

There was one auditor available for undercover audits.

QUALITY CONTROL REPORT

Number of Emissions Testing Sites and Lanes

40 CFR Part 51.366 (c)(1)

There were 9 inspection stations and 2 Technical Assistance Centers in 2012 in the centralized network from January 1 – June 30, 2012.

There were 203 PIF stations and 5 Technical Assistance Centers in the decentralized network from July 1 – December 31, 2012

Number of Equipment audits by station and lane

40 CFR 51.366 (c)(2)

Equipment audits by station and lane in the centralized network.

There were 1495 equipment audits performed between July 1 and December 30, 2012 at the decentralized program private inspection facilities.

The following tables contains audits performed in 2012, Table III at the Centralized network from January 1 – June 30, 2012. Appendix II lists the audits in the decentralized network from July 1 – December 31, 2012.

Table III

Station	Total	Lane 1	Lane 2	Lane 3	Lane 4	Lane 5	Lane 6
WB	214	49	56	54	55		
WAUK	360	60	61	60	58	61	60
MILWS	140	34	35	36	35		
MILWN	270	50	64	60	54	42	
MILWC	200	40	36	40	41	43	
WA	285	60	60	60	50	55	
RAC	130	42	42	46			
KEN	165	40	41	41	43		
SHE	155	45	55		55		
TOTAL	1,919	420	450	397	391	201	60

40 CFR 51.366 (c)(3)

The number and percentage of stations that have failed equipment audits: 2 PIFs (1%) failed equipment audits.

40 CFR 51.366 (c)(4)

The number and percentage of stations and lanes shut down resulting from an equipment audit: 0

ENFORCEMENT REPORT

40 CFR 51.366 (d)(1)(i): An estimate of the number of vehicles subject to the inspection program, including the results of an analysis of the registration database.

Each month, the Wisconsin Department of Transportation selects vehicles subject to the mandatory testing requirement for registration renewal purposes. There were 532,421 vehicles selected (model years: 1997, 1999, 2001, 2003, 2005, 2007 and 2009) for notification in 2012. There were an additional estimated 122,818 vehicles selected for notification at change or ownership, for an estimated 655,239 vehicles.

Note: Data for vehicle change of ownership notifications and inspections was not included in past reports, as this data was not available. An actual number will be available for the 2013 report.

40 CFR 51.366 (d)(1)(ii): The percentage of motorists compliance based upon a comparison of the number of valid final tests with the number of subject vehicles.

Overall, 552,176 vehicles receiving mandatory inspections in 2012 received a pass, waiver or diagnostic waiver test result. This is an 84.3% compliance rate for mandatory testing requirements. Variables include vehicles moved outside of the testing area after the registration select occurred.

40 CFR 51.366 (d)(1)(iii): The total number of compliance documents issued to inspection stations - 250,000 pre-printed VIRs at the centralized network. No pre-printed VIRs were issued in the decentralized network; VIRs were printed at the time of the inspection.

40 CFR 51.366 (d)(1)(iv) The number of missing compliance documents. 0

40 CFR 51.366 (d)(1)(v) The number of time extensions and other exemptions granted to motorists. There were 12,407 temporary plates issued in 2012. WisDOT Vehicle Emissions Inspection Unit issued 192 temporary exemptions in 2012.

40 CFR 51.366 (d)(1)(vi) The number compliance surveys conducted, number of vehicles surveyed in each, and the compliance rates found.

Seven total compliance surveys conducted in 2012, results below:

Survey	Vehicles Surveyed	Compliance
1	32	94%
2	17	100%
3	31	100%
4	27	100%
5	23	96%
6	31	100%
7	7	86%

Registration denial based enforcement programs

40 CFR 51.366 (d)(2)(i) A report of the program's efforts and actions to prevent motorists from falsely registering vehicles out of the program area or falsely changing fuel type or weight class on the vehicle registration, and the results of special studies to investigate the frequency of such activity.

In 2012, WisDOT personnel completed investigations on sixty-six vehicles that listed a domicile outside of the program area, but were suspected of being kept in the program area. After receiving notification from WisDOT: thirty-six vehicles submitted to testing and received a passing result. Nineteen vehicles were suspended for failing to comply; five were junked or sold and six provided verification that they were being kept out of the program area.

40 CFR 51.366 (d)(2)(ii) The number of registration file audits, number of registrations reviewed and compliance rates found in such audits.

There were no registration file audits conducted in 2012.

Computer-matching based enforcement programs

40 CFR 51.366 (d)(3) Wisconsin is a registration denial based enforcement system. This section is not applicable.

Sticker- based enforcement programs

40 CFR 51.366 (d)(4) Wisconsin is a registration denial based enforcement system. This section is not applicable.

ADDITIONAL REPORTING REQUIREMENTS

BIENNIAL REPORT WISCONSIN VEHICLE EMISSIONS TESTING PROGRAM INSPECTION AND MAINTENANCE PROGRAM 2011 – 2012

1. Introduction

This report has been prepared for the U.S. Environmental Protection Agency (U.S. EPA), in compliance with the requirements of 40 CFR 51.366. The information in this report covers the reporting period of 2011-2012.

Since 1984, the DOT and DNR have jointly administered the Wisconsin Vehicle Inspection Program (WIVIP, or I/M PROGRAM). DNR establishes the emissions limitations and DOT administers the program. The program exists in response to requirements of the federal Clean Air Act, administered by U.S. EPA.

The WIVIP addresses violations of the 8-hour ozone and carbon monoxide National Ambient Air Quality Standards. The primary goals of this program are to identify and repair vehicles emitting excessive amounts of targeted air pollutants – carbon monoxide (CO), nitrogen oxides (NOx), and volatile organic compounds (VOCs). The program also reduces emissions of particulate matter and toxic chemicals such as benzene, 1-3 butadiene and formaldehyde.

The I/M program began operating as a basic program in Wisconsin's six-county "severe" ozone non-attainment area – Kenosha, Milwaukee, Ozaukee, Racine, Washington and Waukesha counties. The program expanded to Sheboygan County, designated a "moderate" ozone nonattainment area, in July 1993. Initially, all vehicle inspections consisted of measuring tailpipe emission levels. Since July of 2001, however, all model year 1996, newer cars and light trucks received inspections by scanning the vehicles' computerized second-generation on-board diagnostic (OBD-II) systems. In July 2008, the

program dropped tailpipe testing entirely and thereby inspected all vehicles by scanning the OBD-II systems. This resulted from statutory changes in the 2007-2009 biennial budgets exempting from the vehicle inspection program the model years of vehicles not federally required to be equipped with the OBD-II technology (model year 1995 and older cars and light trucks and model year 2006 and older heavy trucks). The WIVIP tested approximately 576,700 vehicles in 2011. Including all tests issued with a result of pass, fail, abort, void, or waived, the WIVIP conducted 645,611 tests. The program's aggregate failure rate in 2011 (among pass and fail results) was 6.4 %.

In general, motorists do not pay for their emissions inspections. The State of Wisconsin covers the cost of their initial test and, if needed, up to two retests. The motorist then pays for subsequent retests at a rate of \$15 per test. Motorists may also receive voluntary tests for \$15 each.

The primary mode of I/M program, compliance enforcement in Wisconsin is denial of vehicle registration. Testable vehicles in the seven I/M counties must obtain either, a passing emission inspection or a waiver before the owner can renew her/his registration. Upon completing the testing and registration renewal process, the motorist receives a license plate sticker indicating the month and year until which the registration remains valid.

Currently, motorists qualified to renew their registration may do so at a WisDOT Division of Motor Vehicles (DMV) service center, at an emissions inspection station, or at one of numerous other authorized third-party DMV Agent sites. The latter include a variety of businesses, e.g. convenience marts, financial service centers, and some municipal offices.

40 CFR 51.366 (3)(1) Any changes made to the program design, funding, personnel levels, procedures, regulations, and legal authority with detailed discussion and evaluation of the impact on the program of all such changes.

Program Changes – 2011

The contract with ENVIROTEST ended on June 30, 2012. Due to the contract end date, DOT put out an RFP for a new contract. The new contract award winner was Systech, International, LLC, in August of 2011.

Wisconsin Department of Transportation Personnel Change

An Environmental Analysis and Review Specialist joined the program in August of 2011.

Program Changes – 2012

Beginning in July 2012, the WIVIP changed from a centralized program to a decentralized program. WisDOT awarded the contract for vehicle emissions inspections to Systech International, LLC, of

Murray, Utah. The inspection network in the seven subject counties increased from nine centralized stations to 200 Private Inspection Facilities (PIFs), which include private businesses comprised of repair shops, oil change shops, and dealerships. The new contract reduces costs, and provides greater options and convenience for customers.

The Private Inspection Facilities (PIFs) are selected by Systech based on level of technical expertise, experience, and location. Each vehicle inspector undergoes a training course and must pass an exam before they can begin to inspect vehicles.

Private Inspection Facilities (PIFs) have extended hours. Test results transmit in real-time. The inspection facilities may conduct emission tests in conjunction with other services, such as an oil change.

Customers were able to go to the centralized stations for emissions testing through June 30, 2012, after which the stations closed. The contract with Systech began July 1, 2012, and emissions testing began at the Private Inspection Facilities (PIFs) on July 2. More information about the new program and locations is available to customers at <http://www.wisconsinvip.org>, or by calling 1-866-OBD-TEST (1-866-623-8378).

Waiver repair cost limit raised

The waiver repair cost limit raised to \$819 effective July 1, 2012.

Wisconsin Department of Transportation Personnel Change

DOT filled three vacant Quality Assurance positions in March 2012.

40 CFR 51.366 (3)(2) Any weaknesses or problems identified in the program within the two-year reporting period, what steps have already been taken to correct these problems, the results of those steps, and any future efforts planned.

Program Issues Identified and Corrected

The Wisconsin DOT and ENVIROTEST worked together on an ongoing basis to address and resolve any issues that arose during the operation of the vehicle inspection and maintenance program, and transition from centralized to decentralized program with the new contractor, Systech. The continuing communication between the parties resulted in a smooth transition with no long-term issues requiring enforcement actions against either contractor.

Additionally, with the DOT staffing levels increasing in the second half of 2011 and 2012, and the trigger reports provided by Systech indicating potential fraud, there were more resources available to monitor compliance.

Appendix I

EPA a3

Initial Tests by Model Year and Station

EPA a4

Initial Tests Failed by Model Year and Station

The Fail Counts in table a4 reflect Initial Tests, not including rejects. This difference results from filtering differences between data tables from the previous contractor and the incumbent. Vehicles receiving an initial test result of reject can receive a result of Fail or Pass on later tests.

EPA a3: Initial Tests by Model Year and Station

Station ID	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
ETEST001	4452	21422	6571	31944	8451	37745	10974	42782	7060	45404	6463	44225	2027	26715	10	3	2	0	296250
WIST1002	40	123	66	196	60	194	76	216	53	190	35	155	5	69	4	2	0	0	1484
WIST1003	5	43	6	64	15	89	15	103	21	106	16	79	9	40	5	0	0	0	616
WIST1005	9	48	12	72	11	83	19	115	18	119	9	125	10	76	7	1	0	0	734
WIST1006	19	54	19	94	31	112	41	236	49	235	52	257	25	197	21	0	0	0	1442
WIST1011	9	60	10	107	15	128	21	139	21	150	21	164	7	102	11	0	0	0	965
WIST2001	41	124	38	166	68	226	60	321	68	287	70	303	32	188	15	3	0	1	2011
WIST2003	10	65	14	107	32	117	25	142	32	170	29	190	14	95	8	0	0	1	1051
WIST2006	3	15	6	29	7	34	18	56	12	59	6	71	2	31	3	1	0	0	353
WIST2007	15	71	24	93	24	136	40	164	44	139	26	162	7	80	5	1	0	0	1031
WIST2008	14	66	22	130	26	123	37	137	33	112	31	122	8	72	2	2	0	0	937
WIST2010	10	44	9	68	20	81	20	69	15	71	13	69	5	34	2	0	0	0	530
WIST2013	22	119	35	196	48	212	58	219	42	218	37	182	11	135	9	0	0	0	1543
WIST2014	41	135	62	180	83	182	52	180	52	179	55	160	8	99	5	2	1	1	1477
WIST2015	9	42	11	71	18	103	19	120	38	154	35	212	15	170	14	1	1	4	1037
WIST2016	14	26	22	50	14	59	25	53	19	65	13	58	6	38	4	0	0	0	466
WIST2017	3	9	4	28	8	35	18	41	16	56	17	61	23	60	16	0	0	0	395
WIST3002	9	56	9	73	19	97	21	158	26	167	20	139	1	63	3	1	1	0	863
WIST3003	14	72	16	98	17	101	31	111	20	120	18	121	4	53	4	1	1	1	803
WIST3004	8	61	20	93	32	128	35	134	37	190	48	192	10	139	12	0	0	1	1140
WIST3005	8	53	14	90	27	116	39	149	36	194	27	158	14	148	14	1	1	0	1089
WIST3006	5	38	12	56	11	64	9	73	9	75	8	67	5	34	1	0	0	0	467
WIST3007	4	26	14	34	11	55	21	76	21	78	23	92	13	59	7	2	0	1	537
WIST3012	13	46	17	89	28	123	26	170	38	191	29	193	12	116	14	0	0	0	1105
WIST3013	26	82	27	114	46	185	51	204	49	211	60	298	26	160	19	7	1	0	1566
WIST3014	4	31	11	63	10	62	24	66	11	78	14	56	0	37	4	1	0	1	473
WIST3015	16	110	26	182	35	206	48	225	45	218	47	182	15	109	6	0	0	0	1470
WIST4002	6	28	10	40	5	59	19	61	12	55	12	61	8	49	3	0	0	0	428
WIST4003	38	214	69	352	104	415	106	501	94	514	95	459	22	260	17	7	0	0	3267
WIST4004	17	92	12	137	24	157	31	211	29	198	28	220	12	146	14	0	0	0	1328
WIST4006	23	181	54	275	68	353	91	479	92	542	88	565	42	364	31	3	1	0	3252
WIST4007	39	195	73	288	66	321	88	348	71	329	59	304	20	170	8	0	1	1	2381
WIST4009	15	111	22	155	33	233	43	230	37	250	40	221	14	145	10	2	0	0	1561
WIST4011	10	52	22	101	16	130	31	193	35	199	38	215	19	149	14	1	0	0	1225
WIST4014	4	34	4	52	13	58	13	65	9	54	12	64	4	31	1	2	0	0	420
WIST4015	22	134	30	192	59	287	57	361	67	375	76	446	35	332	35	2	0	0	2510

Station ID	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
WIST4017	12	102	27	172	42	201	45	299	50	300	47	304	21	187	14	1	1	0	1825
WIST4019	11	47	11	68	15	67	21	70	19	98	13	80	3	33	2	0	0	0	558
WIST4020	4	14	6	20	10	28	4	23	5	28	5	34	2	17	1	1	0	0	202
WIST4024	9	98	17	187	49	237	35	332	43	326	48	384	27	242	19	3	0	2	2058
WIST4025	11	87	24	164	37	226	51	303	48	384	64	331	17	248	16	4	0	0	2015
WIST4026	7	45	9	69	27	105	17	160	29	180	49	237	12	158	10	0	0	0	1114
WIST4028	21	86	27	185	50	242	51	323	72	440	81	465	49	307	39	5	0	0	2443
WIST4031	10	68	15	102	20	119	28	93	26	125	29	107	11	58	6	1	0	0	818
WIST4032	38	166	81	238	96	230	85	203	49	145	50	168	18	82	6	1	1	1	1658
WIST4036	23	39	9	87	23	143	44	183	45	226	47	284	24	254	22	4	1	1	1459
WIST4039	4	24	5	46	24	55	22	74	13	72	12	87	17	35	5	0	0	0	495
WIST4040	12	18	12	31	17	37	30	61	16	58	26	54	12	39	21	1	0	0	445
WIST4041	2	10	11	22	11	30	2	22	10	30	8	38	4	26	4	0	0	1	231
WIST5001	14	60	12	110	14	125	32	136	25	183	34	177	11	101	4	2	0	2	1042
WIST5003	37	134	30	198	65	234	55	230	53	308	47	295	10	140	14	4	2	0	1856
WIST5004	13	91	20	134	25	208	36	291	39	296	33	297	12	194	11	1	1	0	1702
WIST5005	19	87	23	113	23	132	36	135	16	125	17	103	6	78	3	0	0	0	916
WIST5006	88	314	133	446	164	494	196	511	134	502	121	506	44	284	18	5	1	0	3961
WIST5007	2	26	6	49	10	46	14	60	8	67	12	71	2	49	2	0	0	1	425
WIST5008	45	205	46	310	77	356	72	358	86	409	80	347	28	189	17	3	0	0	2628
WIST5009	4	44	11	96	20	131	24	220	34	216	39	271	12	163	9	1	0	0	1295
WIST5011	18	67	10	129	26	187	34	259	48	361	57	397	26	239	23	2	0	0	1883
WIST5012	8	73	24	135	24	181	37	235	35	217	24	230	17	132	7	2	1	0	1382
WIST5014	26	145	47	254	58	301	81	362	85	442	91	498	36	337	31	2	1	0	2797
WIST5015	34	120	44	169	58	182	47	167	38	165	23	121	11	72	5	0	1	0	1257
WIST5017	7	61	11	76	11	96	27	104	17	116	26	96	3	68	6	0	0	0	725
WIST5021	5	65	16	95	26	99	20	132	35	134	22	114	5	79	2	1	0	1	851
WIST5022	48	230	70	319	98	339	97	347	71	353	52	347	19	221	7	1	1	0	2620
WIST5023	5	18	4	24	8	26	13	45	13	48	8	51	5	40	1	0	0	0	309
WIST5026	37	200	70	299	81	363	79	451	75	456	73	448	43	260	23	6	1	0	2965
WIST5028	9	45	22	91	28	127	33	139	21	157	38	162	12	85	11	0	1	0	981
WIST5029	31	126	49	207	57	252	71	358	67	433	95	475	34	343	37	1	0	1	2637
WIST5030	4	28	5	70	7	61	9	64	11	83	7	70	0	35	0	0	0	0	454
WIST5036	25	105	40	131	46	154	46	157	32	149	26	101	2	73	5	0	0	0	1092
WIST5037	8	44	9	82	16	99	15	90	12	127	17	109	8	73	3	0	0	0	712
WIST5039	41	154	66	231	75	276	88	284	77	248	46	230	12	116	5	0	2	0	1951
WIST5040	8	39	8	58	15	56	9	51	14	72	11	57	4	34	0	1	0	0	437
WIST5041	6	32	9	60	11	92	22	116	16	149	17	182	4	105	14	0	0	0	835

Station ID	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
WIST5042	6	40	19	76	14	75	26	63	15	73	17	48	2	31	2	0	1	0	508
WIST5043	11	48	21	78	16	104	28	120	22	126	18	104	7	66	6	1	0	0	776
WIST5044	4	20	5	24	6	35	8	40	4	64	15	62	4	66	6	0	1	0	364
WIST5045	8	43	10	61	10	74	13	87	13	74	11	73	3	42	5	0	0	1	528
WIST5047	13	40	12	59	11	59	20	87	13	88	16	81	3	51	3	1	0	0	557
WIST5049	7	57	13	102	20	127	31	160	24	170	19	154	16	107	9	1	0	0	1017
WIST5050	4	32	10	30	8	35	7	71	10	65	19	98	5	59	2	0	0	0	455
WIST5052	8	49	16	85	19	85	15	114	19	111	18	89	9	66	4	1	0	0	708
WIST5053	7	56	20	45	10	73	15	53	9	57	6	48	4	13	3	0	0	0	419
WIST5055	33	193	62	280	102	293	87	348	69	362	76	348	18	201	18	4	0	2	2496
WIST5056	14	44	17	68	24	67	24	77	24	51	16	71	6	27	0	1	0	0	531
WIST5058	15	62	18	104	25	78	22	99	24	121	17	119	13	72	4	0	0	0	793
WIST5061	30	124	49	186	55	229	61	247	52	237	40	219	23	126	10	2	1	0	1691
WIST5063	77	255	102	321	144	312	131	249	81	202	61	165	6	54	1	0	0	0	2161
WIST5066	31	147	35	186	50	249	56	236	52	250	34	213	15	134	7	0	0	0	1695
WIST5067	22	69	23	119	32	139	41	196	40	229	45	268	14	183	11	3	0	0	1434
WIST6001	52	241	79	345	102	370	82	376	77	335	60	341	26	195	21	3	0	0	2705
WIST6004	17	117	29	207	54	290	66	362	62	373	86	432	23	266	16	0	0	0	2400
WIST6005	8	35	9	37	23	55	14	80	26	103	17	117	5	76	6	0	1	0	612
WIST6007	9	45	15	67	19	81	20	97	19	100	9	90	6	45	9	0	0	0	631
WIST6009	3	12	1	28	2	31	11	45	8	51	10	78	2	50	4	1	1	0	338
WIST6012	3	31	13	55	12	53	18	74	9	67	12	71	3	42	1	0	0	0	464
WIST6013	7	44	8	54	20	92	13	88	19	114	25	110	7	72	6	0	0	0	679
WIST6014	19	123	36	157	49	159	41	192	32	238	35	191	10	129	3	0	0	0	1414
WIST6015	18	82	27	107	33	108	29	117	29	90	20	104	6	46	5	0	0	0	821
WIST6016	17	104	25	143	31	186	29	178	32	181	35	185	14	102	4	2	0	0	1268
WIST6018	21	141	52	197	52	228	56	239	46	227	33	208	18	123	13	1	1	0	1656
WIST6019	15	111	25	195	33	244	41	371	57	343	52	340	29	226	14	0	0	1	2097
WIST6021	9	31	5	44	15	59	19	94	17	84	15	100	11	54	3	0	0	0	560
WIST6022	9	92	24	125	34	207	43	254	37	289	59	316	31	217	25	0	1	1	1764
WIST7003	46	157	48	214	56	239	64	292	63	301	48	323	22	200	19	2	1	1	2096
WIST7004	15	100	28	107	28	135	35	179	29	125	27	156	12	87	12	5	0	0	1080
WIST7006	3	12	6	34	9	34	4	36	12	50	11	61	2	43	4	1	0	0	322
WIST7007	11	57	25	130	21	143	39	158	26	193	29	180	11	131	13	0	0	0	1167
WIST7009	26	90	27	137	53	166	60	266	53	240	52	269	22	170	14	3	0	0	1648
WIST7011	29	88	38	138	34	150	51	155	30	154	25	121	10	69	6	1	0	0	1099
WIST7012	4	37	14	71	10	65	13	72	23	74	8	75	5	49	2	0	0	0	522
WIST7014	26	139	34	227	54	279	74	344	66	331	66	345	25	191	9	3	0	0	2213

Station ID	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
WIST7015	13	54	14	111	26	129	27	162	30	214	34	192	10	120	13	3	0	0	1152
WIST7016	29	169	35	261	62	371	86	542	103	585	96	611	44	459	49	1	3	0	3506
WIST7017	33	169	46	280	70	322	85	364	66	410	68	431	37	240	25	0	0	0	2646
WIST7018	6	29	7	46	11	76	16	101	23	117	21	103	10	104	8	1	0	0	679
WIST7019	4	30	7	39	12	48	14	66	7	75	11	56	4	38	1	1	0	0	413
WIST7020	5	48	12	61	17	43	12	46	10	50	6	45	3	27	1	0	0	0	386
WIST7021	9	58	20	93	13	94	26	122	18	120	24	121	5	55	5	0	1	0	784
WIST7022	11	64	15	129	26	134	38	178	34	232	46	238	18	151	15	0	0	0	1329
WIST7023	19	107	36	143	41	146	39	168	35	157	26	139	9	68	8	0	2	0	1143
WIST7024	18	61	29	103	31	115	37	113	30	115	26	126	8	87	7	0	0	0	906
WIST7025	14	53	19	79	17	100	24	137	21	126	26	149	14	76	10	0	0	0	865
WIST7026	22	69	29	105	37	113	37	119	32	130	26	109	4	49	6	0	1	0	888
WIST7027	85	211	104	301	139	285	102	257	57	229	66	280	15	135	11	4	0	0	2281
WIST7029	33	92	41	93	39	84	33	91	18	73	14	59	3	22	0	1	2	0	698
WIST7030	39	117	60	199	54	229	57	266	55	307	56	255	22	151	16	2	1	0	1886
WIST7031	2	29	7	58	14	66	16	97	22	111	25	120	8	90	4	0	1	0	670
WIST7032	32	149	62	210	80	212	53	206	42	196	38	175	8	101	7	0	0	0	1571
WIST7033	31	141	57	171	57	210	54	194	32	177	28	157	12	87	5	2	1	0	1416
WIST7034	14	111	28	159	37	179	33	212	36	191	26	183	13	116	2	1	0	0	1341
WIST7035	15	128	26	169	29	168	39	226	29	203	34	173	12	126	4	0	1	0	1382
WIST7036	34	156	61	199	62	212	52	230	48	229	49	162	8	98	11	0	0	1	1612
WIST7037	3	31	2	51	14	78	15	90	9	75	11	94	7	51	4	0	0	0	535
WIST7038	26	83	22	129	37	148	45	166	33	147	28	117	8	72	6	2	2	0	1071
WIST7039	9	50	11	97	28	132	21	135	22	150	32	135	9	106	7	1	1	2	948
WIST7040	15	63	17	99	33	134	36	163	31	208	27	185	8	103	10	1	0	1	1134
WIST7041	16	107	21	174	32	224	37	265	38	288	48	289	24	174	10	0	0	0	1747
WIST7042	32	177	44	268	74	379	76	480	65	506	91	502	25	314	21	2	0	0	3056
WIST7043	18	71	17	97	33	140	27	193	26	191	48	216	20	107	9	0	1	0	1214
WIST7044	12	72	15	125	22	173	35	217	50	234	43	246	19	155	9	0	1	0	1428
WIST7045	13	67	22	99	29	138	31	193	33	191	24	189	9	119	7	1	0	1	1166
WIST7046	38	137	48	155	73	198	48	173	51	142	45	137	13	64	2	0	0	0	1324
WIST7047	69	249	87	368	118	353	107	314	86	243	58	254	9	98	0	2	0	3	2418
WIST7049	6	61	20	71	23	101	33	162	36	186	32	223	22	166	7	2	1	0	1152
WIST7050	3	19	5	35	7	52	5	79	9	64	6	79	0	57	0	2	1	0	423
WIST7051	27	95	32	138	46	153	43	188	33	167	28	147	19	96	7	2	3	0	1224
WIST7052	29	183	48	319	54	417	86	480	86	577	97	661	50	378	25	3	0	0	3493
WIST7053	6	65	16	92	21	87	27	125	24	127	18	120	10	75	3	1	0	0	817
WIST7054	7	49	14	91	18	102	24	115	21	131	12	100	11	76	7	0	0	0	778
WIST7055	33	176	34	254	57	286	69	329	45	319	47	300	25	183	11	1	0	0	2169

Station ID	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
WIST7056	18	85	26	146	33	167	31	190	35	195	26	164	14	92	8	1	0	0	1231
WIST7057	20	52	17	95	28	133	41	161	34	184	39	197	20	158	9	2	1	1	1192
WIST7058	20	109	22	182	33	205	49	265	37	289	28	246	6	164	0	1	0	0	1656
WIST7059	12	88	21	122	26	117	24	109	20	135	17	109	1	53	2	0	0	0	856
WIST7060	28	114	20	139	31	183	37	168	28	188	25	173	13	95	12	1	0	0	1255
WIST7061	4	45	13	63	13	79	17	68	12	74	16	89	4	50	5	0	0	0	552
WIST7062	21	122	34	200	47	274	39	314	64	348	44	318	23	191	17	0	2	0	2058
WIST7063	86	372	95	502	156	545	142	632	119	616	114	555	45	326	16	1	2	1	4325
WIST7064	27	104	26	196	34	330	55	426	69	530	93	618	44	411	44	3	0	0	3010
WIST7065	16	96	21	112	30	176	43	163	41	183	40	154	12	100	8	0	1	0	1196
WIST7066	14	59	17	83	17	105	34	148	20	154	28	159	13	99	8	1	0	0	959
WIST7067	14	62	12	82	15	130	16	164	19	163	25	162	6	121	11	0	0	0	1002
WIST7068	10	63	22	99	36	145	36	186	54	193	30	208	20	118	16	1	0	0	1237
WIST7069	35	226	66	358	103	486	109	597	127	645	138	665	51	473	40	5	3	1	4128
WIST7070	11	72	18	102	27	132	38	196	33	185	36	223	15	134	8	1	0	1	1232
WIST7071	16	56	15	77	16	121	41	123	21	123	33	123	8	77	8	2	1	0	861
WIST7072	12	93	22	127	30	193	44	208	43	244	41	252	18	152	12	0	0	0	1491
WIST7073	25	114	35	195	42	179	50	226	39	222	33	203	16	115	10	1	1	0	1506
WIST7074	91	342	111	486	173	423	178	394	121	299	81	240	17	103	8	1	1	1	3070
WIST7075	14	79	15	107	49	145	25	190	18	180	35	143	10	89	10	0	0	1	1110
WIST7076	37	152	39	291	76	370	86	472	79	510	82	495	30	383	25	0	2	0	3129
WIST7078	16	105	25	191	40	203	67	314	60	279	78	312	25	204	28	1	0	0	1948
WIST7079	43	119	56	178	52	190	55	177	40	165	46	155	16	59	5	2	0	0	1358
WIST7080	10	85	31	140	39	182	37	235	48	261	57	251	19	136	14	0	0	0	1545
WIST7081	44	205	55	325	98	384	84	389	95	458	73	380	34	244	14	1	1	0	2884
WIST7082	7	36	13	82	9	115	31	131	29	187	25	180	8	104	11	1	0	0	969
WIST7083	62	245	85	467	131	511	153	649	154	722	151	749	78	374	52	4	3	0	4590
WIST7084	8	34	7	63	15	86	24	125	23	165	30	163	9	128	15	0	0	0	895
WIST7085	0	0	1	7	1	0	0	1	1	3	0	2	1	2	0	0	0	0	19
WIST7086	12	51	16	90	22	126	38	189	34	216	46	238	18	149	7	1	2	1	1256
WIST7087	28	110	37	155	47	173	65	176	34	151	20	128	7	79	5	0	0	1	1216
WIST7088	22	65	34	104	33	128	45	142	43	161	33	174	11	92	4	6	0	1	1098
WIST7089	48	230	83	266	95	258	110	211	75	124	47	84	7	32	2	0	0	0	1672
WIST7090	9	41	7	66	17	56	16	72	14	81	13	73	5	49	3	0	2	0	524
WIST7091	14	55	12	73	25	82	33	116	30	109	26	137	5	74	3	0	1	0	795
WIST7092	4	43	14	70	22	96	12	123	24	143	22	136	14	97	6	2	0	0	828
WIST7093	15	52	14	100	18	118	31	148	37	184	36	189	23	110	12	0	0	1	1088
WIST7094	6	47	15	96	24	127	37	134	38	194	18	175	9	115	8	0	0	0	1043
WIST7095	7	48	13	116	24	104	27	132	31	144	25	156	15	90	11	0	1	0	944

Station ID	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
WIST7096	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
WIST7098	24	184	39	310	49	422	73	520	73	559	87	585	37	406	18	2	2	0	3390
WIST7102	11	99	20	148	35	202	44	251	40	299	51	239	18	150	13	1	2	0	1623
WIST7103	36	160	50	242	59	326	58	331	62	372	60	382	18	205	17	0	0	0	2378
WIST7104	26	93	40	150	54	175	53	173	63	184	54	225	17	113	14	2	0	1	1437
WIST7105	19	81	19	130	41	150	42	140	35	153	26	109	11	83	7	1	1	0	1048
WIST7106	29	87	24	168	48	234	66	347	73	435	84	528	41	419	31	6	0	0	2620
WIST7107	6	40	16	56	16	65	22	73	12	78	5	66	4	41	4	0	0	0	504
WIST7108	52	295	63	412	90	428	104	432	85	487	74	459	28	270	20	1	0	0	3300
WIST7109	33	176	65	271	73	359	83	367	87	382	79	351	31	188	21	2	0	0	2568
WIST7110	7	42	17	60	12	61	18	83	23	60	16	68	3	24	5	1	0	0	500
WIST7111	3	11	12	19	19	17	9	18	12	28	11	23	6	13	6	0	1	0	208
WIST7112	5	17	3	19	12	16	18	32	14	32	20	43	10	14	7	0	0	0	262
WISTT001	16	120	20	177	49	238	47	263	53	316	44	328	23	202	13	1	0	0	1910
WISTT002	41	137	46	218	60	207	65	222	53	205	43	178	18	95	8	0	1	0	1597
WISTT003	43	143	37	207	55	225	81	243	51	247	46	221	9	121	5	2	0	0	1736
WISTT004	8	44	10	79	19	103	16	94	11	93	13	91	8	54	8	0	0	1	652
WISTT005	10	44	12	95	19	108	29	118	23	141	18	146	9	78	5	0	0	0	855
	8445	40216	12300	60784	16339	72098	19810	83008	15120	87794	14249	86447	5057	52754	2113	229	87	48	576898

EPA a4: Initial Tests Failed by Model Year and Station

Station ID	1996			1997			1998			1999			2000			2001			2002			2003			2004			2005			2006			2007			2008			2009			2010			2011			2012			2013			Total		
	Test Cnt	Fail Cnt	%Fail																																																						
E1TEST001	4452	925	20.8%	2122	2742	12.8%	6571	1148	17.5%	31944	3145	9.8%	8451	1115	13.2%	37745	3710	9.8%	10974	2132	19.4%	42782	2344	6.3%	45404	1445	3.2%	6463	245	3.8%	44225	723	1.6%	2027	53	2.6%	26715	135	0.5%	10	0	0.0%	3	0	0.0%	2	0	0.0%	0	0	0.0%	296250	2304	6.9%			
W1S1002	40	7	17.5%	123	17	13.8%	66	9	1.9%	196	22	11.2%	60	3	10.3%	505	194	20	103	76	10	13.2%	216	18	8.3%	53	2	3.8%	190	8	4.2%	35	1	2.9%	155	2	1.3%	5	0	0.0%	69	1	1.4%	4	0	0.0%	2	0	0.0%	0	0	0.0%	1484	117	7.9%		
W1S1003	5	0	0.0%	43	2	4.7%	6	0	0.0%	64	6	9.4%	15	0	0.0%	89	1	1.1%	15	0	0.0%	103	0	0.0%	21	0	0.0%	106	1	0.9%	16	0	0.0%	79	0	0.0%	40	0	0.0%	5	0	0.0%	0	0	0.0%	0	0	0.0%	616	10	1.6%						
W1S1005	9	1	11.1%	48	4	8.3%	12	0	0.0%	72	2	2.8%	11	0	0.0%	83	3	3.6%	19	1	5.3%	115	6	5.2%	18	0	0.0%	119	3	2.5%	9	0	0.0%	125	4	3.2%	10	0	0.0%	76	0	0.0%	7	0	0.0%	1	0	0.0%	0	0	0.0%	734	24	3.3%			
W1S1006	19	4	21.1%	54	4	7.4%	19	1	5.3%	94	3	3.2%	31	1	3.2%	112	4	3.6%	41	4	9.8%	236	7	3.0%	49	1	2.0%	235	3	1.3%	52	1	1.9%	257	3	1.2%	25	0	0.0%	197	1	0.5%	21	0	0.0%	0	0	0.0%	1442	37	2.6%						
W1S1011	9	0	0.0%	60	7	11.7%	10	3	30.0%	107	5	4.7%	15	0	0.0%	128	10	7.8%	21	4	19.0%	139	7	5.0%	21	1	4.6%	150	4	2.7%	21	0	0.0%	164	4	2.4%	7	0	0.0%	102	2	2.0%	11	0	0.0%	0	0	0.0%	965	47	4.9%						
W1S1201	41	3	7.3%	124	13	10.5%	38	3	7.9%	166	14	8.4%	68	5	7.4%	226	19	8.4%	60	3	5.0%	321	23	7.2%	68	4	5.9%	287	12	4.2%	70	3	4.3%	303	7	3.1%	188	2	1.1%	15	0	0.0%	0	0	0.0%	11	0	0.0%	2011	112	5.6%						
W1S2003	10	1	10.0%	65	6	9.2%	14	1	7.1%	107	13	12.1%	32	1	3.1%	117	9	7.7%	25	2	8.0%	142	8	5.6%	32	1	3.1%	170	6	3.5%	29	0	0.0%	190	5	2.6%	14	0	0.0%	95	1	1.1%	8	0	0.0%	0	0	0.0%	1051	54	5.1%						
W1S2006	3	1	33.3%	15	3	20.0%	6	0	0.0%	29	3	10.3%	7	0	0.0%	34	6	17.6%	18	0	0.0%	56	5	8.9%	12	0	0.0%	59	3	5.1%	6	0	0.0%	3	0	0.0%	0	0	0.0%	353	23	6.5%															
W1S2007	15	1	6.7%	71	5	7.0%	24	2	8.3%	93	8	8.6%	24	1	4.2%	136	12	8.8%	40	0	0.0%	164	8	4.3%	44	1	2.3%	139	4	2.9%	26	0	0.0%	162	7	4.3%	7	0	0.0%	80	0	0.0%	5	0	0.0%	1	0	0.0%	0	0	0.0%	1031	49	4.8%			
W1S2008	14	2	14.3%	66	6	9.1%	22	3	13.6%	130	16	12.3%	26	0	0.0%	123	10	8.1%	37	4	10.8%	137	12	8.8%	33	3	9.1%	112	4	3.6%	31	0	0.0%	122	6	4.9%	8	0	0.0%	72	1	1.4%	2	0	0.0%	0	0	0.0%	937	67	7.2%						
W1S2010	10	1	10.0%	44	6	13.6%	9	0	0.0%	68	1	1.5%	20	1	5.0%	81	12	14.8%	20	0	0.0%	69	3	4.3%	15	1	6.7%	71	3	4.2%	13	1	7.7%	69	0	0.0%	5	0	0.0%	0	0	0.0%	530	29	5.5%												
W1S2013	22	0	0.0%	119	16	13.4%	35	4	11.4%	196	13	6.6%	48	5	10.4%	212	16	7.5%	58	3	5.2%	219	8	3.7%	42	1	2.4%	218	4	1.8%	37	3	8.1%	182	3	1.6%	11	0	0.0%	135	1	0.7%	9	0	0.0%	0	0	0.0%	1543	77	5.0%						
W1S2014	41	7	17.1%	135	27	20.0%	62	10	16.1%	180	38	21.1%	83	16	19.3%	182	29	15.9%	52	7	13.5%	180	17	9.4%	52	7	13.5%	179	13	7.3%	55	3	5.5%	160	3	1.9%	109	1	2.0%	2	0	0.0%	1	0	0.0%	1477	178	12.1%									
W1S2015	9	0	0.0%	42	5	11.9%	111	71	3	4.2%	18	1	5.6%	103	8	7.8%	19	3	15.8%	120	6	5.0%	38	1	2.6%	154	15	1.4%	15	1	1.8%	170	3	1.8%	14	0	0.0%	1	0	0.0%	4	0	0.0%	1037	39	3.8%											
W1S2016	14	2	14.3%	26	2	7.7%	22	6	27.3%	50	8	16.0%	14	0	0.0%	59	7	11.9%	25	0	0.0%	53	6	11.3%	19	0	0.0%	65	4	6.2%	13	2	15.4%	58	2	3.4%	6	0	0.0%	0	0	0.0%	466	39	8.4%												
W1S2017	3	0	0.0%	9	2	22.2%	4	0	0.0%	28	2	7.1%	8	0	0.0%	35	4	11.4%	18	1	5.6%	41	0	0.0%	16	1	6.3%	56	3	5.4%	17	0	0.0%	23	0	0.0%	60	2	3.3%	16	0	0.0%	0	0	0.0%	395	15	3.8%									
W1S2002	9	0	0.0%	56	5	8.9%	9	0	0.0%	73	5	6.8%	19	1	5.3%	97	6	6.2%	21	1	4.8%	158	7	4.4%	26	1	3.8%	167	3	1.0%	149	4	2.9%	1	0	0.0%	63	0	0.0%	3	0	0.0%	863	34	3.9%												
W1S3003	14	2	14.3%	72	15	20.8%	16	1	6.3%	98	13	13.3%	17	0	0.0%	101	15	14.9%	31	2	6.5%	111	6	5.4%	20	0	0.0%	120	7	5.8%	18	0	0.0%	121	2	1.7%	4	0	0.0%	53	1	1.9%	4	0	0.0%	1	0	0.0%	803	64	8.0%						
W1S3004	8	1	12.5%	61	4	6.6%	20	6	30.0%	93	7	7.5%	32	1	3.1%	128	11	8.6%	35	2	5.7%	134	9	6.7%	37	0	0.0%	190	9	4.7%	48	1	2.1%	192	3	1.6%	10	0	0.0%	139	3	2.2%	12	0	0.0%	0	0	0.0%	0	0	0.0%	1140	57	5.0%			
W1S3005	8	2	25.0%	53	1	1.9%	14	1	7.1%	90	8	8.9%	27	2	7.4%	116	6	5.2%	39	2	5.1%	149	13	8.7%	36	0	0.0%	194	6	3.1%	14	0	0.0%	14	1	7.1%	148	0	0.0%	1089	48	4.4%															
W1S3006	5	0	0.0%	38	3	5.3%	12	0	0.0%	56	4	7.1%	11	1	9.1%	64	2	3.1%	73	0	0.0%	9	1	33.3%	193	0	0.0%	1	0	0.0%	1	0	0.0%	467	13	2.8%																					
W1S3012	13	0	0.0%	46	2	4.3%	17	0	0.0%	89	10	11.2%	28	0	0.0%	123	9	7.3%	26	1	3.8%	170	9	5.5%	38	1	2.6%	191	3	1.6%	26	0	0.0%	111	0	0.0%	0	0	0.0%	1105	36	3.3%															
W1S3013	26	2	7.7%	82	12	14.6%	27	7	25.9%	114	16	14.0%	46	9	19.6%	185	31	16.8%	51	6	11.8%	204	17	8.3%	49	2	4.1%	211	16	7.6%	60	5	8.3%	298	9	3.0%	26	1	3.8%	160	0	0.0%	19	0	0.0%	0	0	0.0%	1566	133	8.5%						
W1S4014	4	1	25.0%	31	3	9.7%	11	0	0.0%	63	5	7.9%	10	2	20.0%	62	5	8.1%	24	4	16.7%	66	4	6.1%	11	0	0.0%	78	4	5.1%	14	0	0.0%	37	0	0.0%	1	0	0.0%	473	29	6.1%															
W1S4025	11	1	9.1%	87	5	5.7%	24	2	8.3%	164	14	8.5%	37	3	8.1%	226	13	5.8%	51	5	9.8%	303	16	5.3%	48	0	0.0%	384	8	6.1%	164	4	2.3%	326	8	2.5%	48	1	2.1%	384	1	0.3%	27	1	3.7%	242	3	1.2%	19	0	0.0%	3	0	0.0%	2056	76	3.7%
W1S4026	7	0	0.0%	45	3	6.7%	9	0	0.0%	69	3	4.3%	27	1	3.7%	105	6	5.7%	17	1	5.9%	160	5																																		

	1996			1997			1998			1999			2000			2001			2002			2003			2004			2005			2006			2007			2008			2009			2010			2011			2012			2013			Total		
Station ID	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall	Test Cnt	Fall Cnt	% Fall															
WIST5047	13	1	7.7%	40	2	5.0%	12	2	16.7%	59	6	10.2%	11	2	18.2%	59	11	16.6%	20	1	5.0%	87	8	9.2%	13	1	7.7%	68	3	3.4%	16	0	0.0%	81	4	4.6%	3	0	0.0%	51	0	0.0%	3	0	0.0%	1	0	0.0%	0	0	0.0%	557	41	7.4%			
WIST5048	7	0	0.0%	57	0	0.0%	13	0	0.0%	102	2	2.0%	20	0	0.0%	127	3	2.4%	31	2	6.5%	160	1	0.6%	24	0	0.0%	170	3	1.5%	19	0	0.0%	154	3	1.9%	16	0	0.0%	107	0	0.0%	9	0	0.0%	1	0	0.0%	0	0	0.0%	1017	14	1.4%			
WIST5050	4	0	0.0%	32	1	3.1%	10	0	0.0%	20	2	6.7%	8	0	0.0%	35	3	8.6%	7	1	14.3%	71	4	5.6%	10	0	0.0%	65	4	6.2%	5	0	0.0%	98	2	2.0%	5	0	0.0%	0	0	0.0%	0	0	0.0%	455	21	4.6%									
WIST5052	8	0	0.0%	49	3	6.1%	16	2	12.5%	85	3	3.5%	19	0	0.0%	85	3	3.5%	15	0	0.0%	114	2	1.8%	19	0	0.0%	111	3	2.7%	18	1	5.6%	89	1	1.1%	9	0	0.0%	66	0	0.0%	4	0	0.0%	1	0	0.0%	0	0	0.0%	708	18	2.5%			
WIST5053	7	1	14.3%	56	3	5.4%	20	1	5.0%	45	1	2.2%	10	0	0.0%	73	5	6.8%	15	1	6.7%	53	3	5.7%	9	1	11.1%	57	0	0.0%	6	0	0.0%	48	1	2.1%	4	0	0.0%	13	0	0.0%	0	0	0.0%	0	0	0.0%	419	17	4.1%						
WIST5055	33	6	18.2%	193	30	15.5%	62	13	21.0%	280	38	13.6%	102	13	12.7%	293	33	11.3%	87	11	12.6%	348	30	8.6%	69	5	7.2%	362	13	3.6%	76	2	2.6%	348	9	2.6%	18	1	5.6%	201	0	0.0%	18	0	0.0%	4	0	0.0%	0	0	0.0%	2496	204	8.2%			
WIST5056	14	4	28.6%	44	7	15.9%	17	3	17.6%	68	12	17.6%	24	4	16.7%	67	12	17.9%	24	3	12.5%	77	6	7.8%	24	2	8.3%	51	1	2.0%	16	2	12.5%	71	1	1.4%	6	1	16.7%	27	0	0.0%	0	0	0.0%	0	0	0.0%	531	58	10.9%						
WIST5058	15	3	20.0%	62	6	9.7%	18	1	5.6%	104	19	18.3%	25	4	16.0%	78	8	10.3%	22	2	9.1%	99	4	4.0%	24	2	8.3%	121	5	4.1%	17	1	5.9%	119	8	6.7%	13	1	7.7%	72	2	2.8%	4	0	0.0%	0	0	0.0%	793	66	3.5%						
WIST5061	30	5	16.7%	124	10	8.1%	49	5	10.2%	186	18	9.7%	55	2	3.6%	24	20	8.1%	61	6	9.8%	247	20	8.1%	52	1	1.8%	237	6	2.5%	40	1	2.5%	219	4	1.8%	23	0	0.0%	126	0	0.0%	2	0	0.0%	1	0	0.0%	1691	103	6.1%						
WIST5063	77	11	14.3%	256	45	17.6%	102	22	21.6%	321	48	15.0%	144	21	14.6%	312	52	16.7%	131	14	10.7%	249	27	10.8%	81	6	7.4%	240	22	7.3%	71	3	3.5%	61	5	8.4%	6	0	0.0%	54	2	3.7%	1	0	0.0%	0	0	0.0%	2161	264	12.2%						
WIST5065	31	2	6.5%	147	12	8.2%	35	2	5.7%	166	12	6.5%	50	4	8.0%	249	14	5.6%	56	4	7.1%	236	15	6.4%	52	3	5.8%	250	6	2.4%	34	0	0.0%	213	5	2.3%	12	2	2.2%	268	1	0.4%	14	0	0.0%	183	0	0.0%	3	0	0.0%	0	0	0.0%	1695	82	4.3%
WIST5067	22	2	9.1%	68	7	10.1%	23	3	4.7%	119	8	6.7%	32	0	0.0%	139	11	7.9%	41	1	2.4%	196	7	3.6%	40	0	0.0%	229	7	3.1%	45	1	2.2%	14	0	0.0%	183	0	0.0%	11	0	0.0%	3	0	0.0%	0	0	0.0%	1434	49	3.4%						
WIST5068	52	8	15.4%	241	26	10.8%	79	10	12.7%	345	34	9.9%	102	15	14.7%	370	41	8.2%	82	5	6.1%	376	27	7.2%	77	3	3.6%	395	13	3.9%	60	1	1.7%	341	4	1.2%	26	0	0.0%	195	1	0.5%	21	0	0.0%	3	0	0.0%	0	0	0.0%	2705	188	7.0%			
WIST5064	17	0	0.0%	117	7	6.0%	29	1	3.4%	207	24	11.6%	54	2	3.7%	290	16	5.5%	66	4	6.1%	362	9	2.5%	62	0	0.0%	373	9	2.4%	86	4	4.7%	432	9	2.1%	23	0	0.0%	266	6	2.3%	16	0	0.0%	0	0	0.0%	2400	91	3.8%						
WIST5065	8	2	25.0%	35	4	11.4%	9	0	0.0%	37	3	8.1%	23	0	0.0%	55	4	7.3%	14	2	14.3%	80	3	3.8%	26	0	0.0%	103	4	3.9%	17	0	0.0%	5	0	0.0%	0	0	0.0%	612	25	4.1%															
WIST5067	9	1	11.1%	45	4	8.9%	15	1	6.7%	67	3	4.5%	19	1	5.3%	81	4	4.9%	20	2	10.0%	97	2	2.1%	19	0	0.0%	100	0	0.0%	91	0	0.0%	0	0	0.0%	631	19	3.0%																		
WIST5069	3	1	33.3%	31	2	6.5%	13	2	15.4%	55	3	5.5%	12	1	8.3%	53	3	5.7%	18	2	11.1%	74	3	4.1%	67	3	4.5%	12	0	0.0%	61	1	11.1%	67	3	4.5%	1	0	0.0%	0	0	0.0%	1566	124	7.4%												
WIST5070	7	0	0.0%	44	1	2.3%	8	0	0.0%	54	1	1.9%	20	3	15.0%	92	7	7.6%	13	0	0.0%	88	3	3.4%	19	1	5.3%	114	6	5.3%	25	0	0.0%	72	0	0.0%	6	0	0.0%	0	0	0.0%	679	24	3.5%												
WIST5074	19	5	26.3%	123	12	9.8%	36	1	2.8%	157	17	4.8%	49	4	8.2%	159	16	10.1%	41	0	0.0%	192	10	5.2%	32	1	3.1%	238	11	4.6%	35	0	0.0%	191	6	3.1%	3	0	0.0%	0	0	0.0%	1414	80	5.7%												
WIST5075	18	4	22.2%	82	8	9.8%	27	4	14.8%	107	19	17.8%	33	5	15.2%	108	20	18.5%	29	4	13.8%	117	7	6.0%	29	3	10.3%	90	2	2.2%	20	1	5.0%	104	1	1.0%	104	0	0.0%	72	0	0.0%	0	0	0.0%	821	81	9.9%									
WIST5076	15	4	26.7%	100	18	18.0%	28	6	21.4%	107	17	6.5%	28	7	25.0%	135	7	5.2%	45	4	11.4%	129	1	3.2%	121	0	0.0%	200	1	0.0%	19	0	0.0%	0	0	0.0%	2096	157	7.5%																		
WIST5077	3	0	0.0%	62	2	16.7%	6	0	0.0%	34	2	5.0%	9	0	0.0%	34	4	11.8%	4	0	0.0%	36	1	2.8%	12	0	0.0%	12	0	0.0%	0	0	0.0%	0	0	0.0%	322	10	3.1%																		
WIST5078	11	7	12.9%	25	3	12.0%	130	19	14.6%	21	0	0.0%	143	14	9.8%	39	1	2.6%	158	11	7.0%	26	2	7.7%	193	4	2.1%	29	0	0.0%	183	4	2.2%	11	0	0.0%	0	0	0.0%	1167	65	5.6%															
WIST5079	26	3	31.5%	90	3	3.3%	27	0																																																	

Station ID	1996			1997			1998			1999			2000			2001			2002			2003			2004			2005			2006			2007			2008			2009			2010			2011			2012			2013					
	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail	Test Cnt	Fail Cnt	% Fail												
WIST055	33	1	3.0%	176	15	8.5%	34	6	17.6%	254	13	5.1%	57	4	7.0%	286	26	9.1%	69	3	4.3%	329	22	6.7%	45	1	2.2%	319	9	2.8%	47	1	2.1%	300	5	1.7%	25	1	4.0%	183	2	1.1%	11	0	0.0%	1	0	0.0%	0	0	0.0%	2169	109	5.0%			
WIST056	18	1	5.6%	85	11	12.9%	26	1	3.8%	146	11	7.5%	33	3	9.1%	167	11	6.6%	31	2	6.5%	190	12	6.3%	35	1	2.9%	195	13	6.7%	26	1	3.6%	164	4	2.4%	14	0	0.0%	92	1	1.1%	8	1	12.5%	1	0	0.0%	0	0	0.0%	1231	73	5.9%			
WIST057	20	0	0.0%	52	4	7.7%	17	1	5.9%	95	6	6.3%	28	1	3.6%	133	9	6.8%	41	2	4.9%	161	5	3.1%	34	0	0.0%	184	6	3.3%	39	2	5.1%	197	2	1.0%	20	1	5.0%	158	1	0.6%	9	0	0.0%	2	0	0.0%	1	0	0.0%	1192	40	3.4%			
WIST058	20	3	15.0%	109	8	7.3%	22	4	18.2%	182	15	8.2%	33	3	9.1%	205	28	13.7%	49	2	4.1%	265	19	7.2%	37	1	2.7%	289	16	5.5%	28	1	3.6%	246	4	1.6%	6	0	0.0%	164	3	1.8%	0	0	0.0%	1	0	0.0%	0	0	0.0%	1656	107	6.5%			
WIST059	12	3	25.0%	88	19	21.6%	21	1	4.8%	122	18	14.8%	26	2	7.7%	117	16	13.7%	24	1	4.2%	109	13	11.9%	20	1	5.0%	135	7	5.2%	17	3	17.6%	109	5	4.6%	1	0	0.0%	53	0	0.0%	2	0	0.0%	0	0	0.0%	0	0	0.0%	856	89	10.4%			
WIST060	28	1	3.6%	114	10	8.8%	20	1	5.0%	139	6	4.3%	31	0	0.0%	183	11	6.0%	37	2	5.4%	168	9	5.4%	28	0	0.0%	188	3	1.6%	25	3	12.0%	173	2	1.2%	13	1	7.7%	95	0	0.0%	12	0	0.0%	1	0	0.0%	0	0	0.0%	1255	49	3.9%			
WIST061	4	0	0.0%	45	8	17.8%	13	1	7.7%	63	4	6.3%	13	2	15.4%	79	4	5.1%	17	0	0.0%	68	3	4.4%	12	0	0.0%	74	5	9.5%	16	0	0.0%	89	5	5.6%	4	0	0.0%	50	0	0.0%	0	0	0.0%	0	0	0.0%	552	34	6.2%						
WIST062	21	1	4.8%	122	14	11.5%	34	2	5.9%	200	10	5.0%	47	1	2.1%	274	28	10.2%	39	3	7.7%	314	14	4.5%	64	1	1.6%	348	8	2.3%	44	0	0.0%	318	5	1.6%	23	0	0.0%	1	0.5%	17	0	0.0%	0	0	0.0%	2058	88	4.3%							
WIST063	86	11	12.8%	372	52	14.0%	95	18	18.9%	502	56	11.2%	156	15	9.6%	545	66	12.1%	142	14	9.9%	632	41	6.5%	119	10	8.4%	616	24	3.9%	114	2	1.6%	555	15	2.7%	45	0	0.0%	326	4	1.2%	16	0	0.0%	1	0	0.0%	2	0	0.0%	1	0	0.0%	4325	328	7.6%
WIST064	27	2	7.4%	104	5	4.8%	26	1	3.8%	196	11	5.6%	34	2	5.9%	330	25	7.6%	55	7	12.7%	426	17	4.0%	69	3	4.3%	530	10	1.9%	93	2	2.2%	618	7	1.1%	44	1	2.3%	411	2	0.5%	44	0	0.0%	3	0	0.0%	0	0	0.0%	3010	95	3.2%			
WIST065	16	2	12.5%	96	7	7.3%	21	1	4.8%	112	5	4.5%	30	5	16.7%	176	14	8.0%	43	4	9.3%	163	8	4.9%	40	1	2.5%	154	2	1.3%	12	0	0.0%	100	1	1.0%	8	0	0.0%	0	0	0.0%	1	0	0.0%	0	0	0.0%	1196	61	5.1%						
WIST066	14	2	14.3%	59	5	8.5%	17	1	5.9%	83	8	9.6%	17	2	11.8%	105	3	2.9%	34	2	5.9%	148	13	8.8%	20	1	5.0%	154	2	1.3%	28	13	0.0%	98	1	1.0%	8	0	0.0%	0	0	0.0%	0	0	0.0%	859	47	4.9%									
WIST067	14	0	0.0%	62	12	0.0%	12	0	0.0%	82	8	9.8%	15	1	6.7%	130	8	6.2%	16	1	6.3%	164	9	5.5%	19	1	4.0%	162	1	0.6%	61	0	0.0%	121	0	0.0%	0	0	0.0%	0	0	0.0%	1002	33	3.3%												
WIST068	10	0	0.0%	63	8	12.7%	22	2	9.1%	99	7	7.1%	36	4	11.1%	145	6	4.1%	36	1	2.8%	186	6	3.2%	54	1	1.9%	193	8	4.1%	30	1	2.9%	20	0	0.0%	118	0	0.0%	1	0	0.0%	0	0	0.0%	1237	50	4.0%									
WIST069	35	2	5.7%	226	27	11.9%	66	4	6.1%	358	35	9.8%	103	14	13.6%	486	48	9.9%	597	29	4.9%	127	3	2.4%	645	18	2.8%	138	3	2.2%	665	17	2.6%	51	3	5.9%	473	0	0.0%	40	0	0.0%	5	1	20.0%	3	0	0.0%	1	0	0.0%	4128	210	5.1%			
WIST070	11	3	27.3%	72	7	9.7%	18	1	5.6%	102	9	8.8%	27	1	11.1%	132	8	6.1%	38	1	2.6%	196	5	2.5%	33	0	0.0%	185	7	3.6%	36	1	2.8%	223	2	1.3%	15	0	0.0%	134	2	1.5%	8	0	0.0%	1	0	0.0%	1232	50	4.1%						
WIST071	16	2	12.5%	56	5	8.9%	15	3	20.0%	77	10	13.0%	16	2	12.5%	121	13	10.7%	41	3	7.3%	123	9	7.3%	21	0	0.0%	123	1	0.8%	33	0	0.0%	123	2	1.6%	8	0	0.0%	77	1	1.3%	8	0	0.0%	1	0	0.0%	861	51	5.9%						
WIST072	12	2	16.7%	93	4	4.3%	23	1	4.5%	127	13	10.2%	30	1	3.3%	193	19	9.8%	44	1	2.3%	208	15	7.2%	43	1	2.3%	244	12	4.9%	41	1	2.4%	252	7	2.8%	18	1	5.6%	152	0	0.0%	12	0	0.0%	0	0	0.0%	1491	78	5.2%						
WIST073	25	5	20.0%	114	13	11.4%	35	3	8.6%	195	22	11.3%	42	4	9.5%	179	20	11.2%	50	2	4.0%	226	12	5.3%	39	3	1.4%	103	7	3.4%	10	0	0.0%	115	94	6.2%																					
WIST074	91	4	4.4%	342	50	14.6%	111	14	12.6%	486	60	12.3%	173	11	6.4%	423	44	10.4%	178	19	10.7%	394	35	8.9%	121	12	5.0%	121	1	1.0%	8	0	0.0%	1	0	0.0%	100	30	100%	370	271	8.8%															
WIST075	14	1	7.1%	79	4	5.1%	15	0	0.0%	107	7	6.5%	49	2	4.1%	145	19	13.1%	25	1	2.9%	190	11	5.8%	18	0	0.0%	180	4	2.2%	35	0	0.0%	143	3	2.1%	10	0	0.0%	89	0	0.0%	10	0	0.0%	1110	52	4.7%									
WIST076	37	6	16.2%	152	16	10.5%	39	5	12.8%	291	19	6.5%	76	5	6.6%	370	24	8.5%	86	7	8.1%	472	22	4.7%	79	1	1.3%	510	6	1.2%	82	1	1.2%	495	4	0.8%	30	0	0.0%	383	6																

APPENDIX II

DECENTRALIZED EQUIPMENT AUDITS

JULY 1 – DECEMBER 31, 2012

(Note: Each PIF has only one inspection lane)

PIF	City	Audits	PIF	City	Audits
688-Cars.inc,	Big Bend	5	Meineke Car Care Center	West Allis	13
Aamco Transmission #15160 (#423)	Milwaukee	6	Mertens Auto Service Center	Burlington	9
Accelerated Auto Service	Burlington	9	Meyer Motors Inc.	Plymouth	13
Affordable Car & Marine Firestone	Brookfield	8	Midas	Kenosha	12
Allenton Service	Allenton	3	Midas	Menomonee Falls	9
American Muffler & Automotive	Burlington	9	Midas	Milwaukee	6
Anastos Motors Inc.	Kenosha	12	Midas	Racine	12
Anaya's Auto Repair	Kenosha	6	Midas Auto Service Center	Milwaukee	6
Anderson Automotive	Fredonia	7	Midas Auto Service Center	Milwaukee	4
Apple Automotive	Pewaukee	5	Mobil Auto Care	Racine	12
Aurora Auto Care	Milwaukee	9	Mobil 1 Lube Express	Sheboygan	15
Auto Analyzers	West Allis	14	Mobil 1 Lube Express	Sheboygan	10
Auto Connectionz Plus	Oconomowoc	10	Monro	Brookfield	9
Auto House Waukesha	Waukesha	4	Monro	Cudahy	15
Automotive Solutions	Saukville	7	Monro	Greenfield	9
B & G Auto	Milwaukee	5	Monro	Menomonee Falls	7
Badger Truck Center	Milwaukee	9	Monro	Milwaukee	10
Bluemound Auto Service	Wauwatosa	7	Monro	Milwaukee	8
Bob Fish Buick GMC	West Bend	3	Monro	West Allis	14
Bob's Main Street Auto & Tow	West Bend	6	Moorland Auto Repair Inc.	New Berlin	4
Bohl Automotive	Racine	10	Muskego Tire & Auto	Muskego	3
Boucher Chevrolet, Inc.	Waukesha,	3	National Complete Auto Care	New Berlin	10
Boucher Kia	Milwaukee	0	National Muffler & Brake	Milwaukee	10
Braeger Chevy Inc	Milwaukee	7	National Muffler & Brake	Milwaukee	4
Braeger Ford Inc	Milwaukee	10	National Pride Auto	Kenosha	12
Burgess Car & Truck Service Center	West Allis	9	Nelson's Automotive of Pewaukee	Pewaukee	11
Butler Auto Body	Butler	10	Newman Chevrolet	Cedarburg	8
C J Automotive Inc.	Waukesha	3	North Avenue Firestone	Milwaukee	5
Carlton Automotive Inc.	Oostburg	13	Oak Creek Automotive Inc.	Oak Creek	17
Carwurx	Oak Creek	14	O'Gorman's West Town Auto	Wauwatosa	6
Carwurx Plus	Greenfield	5	O'Reilly Motor Cars Inc	Milwaukee	5
Chris Auto Service	Brookfield	4	Palmen Buick, GMC, Cadillac	Kenosha	12
Chuck's Main St. Auto	Sussex	4	Passehl's BP	Racine	13

PIF	City	Audits	PIF	City	Audits
Cleveland Avenue Automotive	West Allis	13	Paul's Bender Center	Kenosha	12
Curriepark Auto Center	Wauwatosa	4	Pinkalla Auto Solutions	Racine	12
Dads Auto Service	Muskego	2	Power's Tire & Auto Service	Sheboygan	2
Dave's American Discount Muffler	Kenosha	12	Pro Auto Center	Hartford	4
Dave's Garage Inc.	Greenfield	3	R & R Automotive	Kenosha	9
Dave's Truck & 4 X 4 Repair, LLC	Jackson	4	R.B. Enterprises of Menomonee Falls, Inc.	Menomonee Falls	6
Dodge City of Milwaukee	Brookfield	7	Racine Auto Specialist	Racine	12
Durand Automotive Center	Racine	12	Ralph's Auto Center Inc.	Oconomowoc	4
E.J. Salentine Buick	Muskego	3	Rhode's Auto & Truck Repair	Kenosha	12
Engine & Transmission Exchange	Milwaukee	10	Richfield Service	Richfield	3
Engine & Transmission Exchange	Waukesha	4	Richlen and Sons	West Allis	3
Ernie von Schledorn, Inc.	Menomonee Falls	4	Richlonns Tire & Service Center	Greendale	1
Ewald Chevrolet	Oconomowoc	3	Richlonns Tire & Service Center	Greenfield	9
Ewald Venus Ford	Cudahy	9	Richlonns Tire & Service Center	Muskego	3
Expert Car Care Inc.	West Allis	12	Richlonns Tire & Service Center	Waukesha	4
F & F Tire World	Brookfield	8	Richlonns Tire & Service Centers	Racine	10
F & F Tire World	Brookfield	9	River Crest Tire & Auto Service	Mukwonago	5
F & F Tire World	Franklin	19	River Falls Oil & Tire	Menomonee Falls	6
F & F Tire World	Greenfield	3	Rivers Edge Oil & Tire	Mukwonago	5
F & F Tire World	Greenfield	3	Rob Weigman's Automotive Inc	Milwaukee	4
F & F Tire World	Menomonee Falls	6	Royal Car Care	Milwaukee	0
Falls Auto Tech	Menomonee Falls	4	Ruby Isle Auto	Milwaukee	4
Farkas Automotive Inc.	Brown Deer	5	Russ Darrow Chrysler Jeep Dodge	Milwaukee	3
Fleet Auto Sales & Service	West Allis	12	Russ Darrow Honda	Milwaukee	0
Frank Boucher Chevrolet Cadillac	Racine	9	Russ Darrow Kia of Waukesha	Waukesha	5
G-Brock's Auto Repair	Dousman	3	Russ Darrow Kia of Wauwatosa	Wauwatosa	4
Girard's Service	Franklin	16	Russ Darrow Mazda	Greenfield	4
Gordie Boucher Ford	Kenosha	12	Russ Darrow Mitsubishi	Waukesha	9
Gordie Boucher Ford Lincoln	West Bend	5	Russ Darrow Nissan	Milwaukee	7

PIF	City	Audits	PIF	City	Audits
Gordon's Wheel Service	Brookfield	9	Russ Darrow Toyota	West Bend	9
Grady's Automotive Inc.	Cudahy	15	Russ Darrow West Bend	West Bend	7
Griffin Ford	Waukesha	11	Salem Auto Service	Salem	12
Hall Automotive	Milwaukee	5	Schaefer Service Center	Slinger	1
Hartland Services Inc.	Hartland	3	Schlossmann's Honda City	Greenfield	5
Hartnell Chevrolet	Salem	9	Schmidt Bros Ford Lincoln	Saukville	10
Heiser Quick Motors	Milwaukee	1	Scorsone Automotive Inc.	Milwaukee	4
Heiser Toyota	Milwaukee	5	Sheboygan Chevrolet GMC Buick	Sheboygan	16
Herman's Complete Car Care LLC	Cedarburg	4	Shorewood Auto Repair	Shorewood	1
Hillside Auto Body & Service	Waukesha	3	Silver Lake Auto Service Inc.	Oconomowoc	11
Hoffman Auto & Tire	Kenosha	12	Silver Lake Auto Service Inc.	Silver Lake	9
Holz Motors Inc.	Hales Corners	6	Sippi's Auto Service Inc.	Menomonee Falls	3
Honda of Kenosha	Bristol	9	South Milwaukee Car Care Center	Milwaukee	16
Import Minded Inc.	Milwaukee	10	Southtown Tire & Auto	West Allis	10
Import Specialists Inc.	Racine	9	Subaru City	Milwaukee	10
Jacks Auto Service Inc.	Franksville	9	Super Lube	Waukesha	0
Jenior Tire & Automotive Service Inc.	Thiensville	5	Tenhagen Auto Service	Union Grove	6
Jerry's Auto Service Inc.	Waukesha	12	Theel Auto Inc.	Elkhart Lake	7
Jim's Mobil Service Inc.	New Berlin	4	Tires Unlimited Automotive Service	Port Washington	4
Joe's Slinger Service LLC	Slinger	5	Toor Auto Services	Milwaukee	9
John Amato Hyundai Inc.	Milwaukee	5	Trust Tire & Auto Service	Mequon	9
John Paul's Buick GMC	Greenfield	9	Twenty First Century Auto	Milwaukee	10
Komp Tech Automotive Service	West Allis	13	Uptown Chevrolet	Slinger	1
Koplein Tune & Lube	Milwaukee	1	Valvoline	Milwaukee	3
Krueger's Auto Tech Center	Cedarburg	3	Valvoline	Milwaukee	6
Kusch's Automotive	Wauwatosa	13	Van Horn Dodge	Plymouth	16
Laubenheimer's Garage LLC	Richfield	9	Village Car Care LLC.	Mukwonago	4
Laus Tire & Auto	Milwaukee	4	Village Tire & Auto	Germantown	3
Lindem's Auto Repair	Milwaukee	5	Wales Super Lube #421	Wales	8
Lisbon Sales & Services	Milwaukee	8	Waukesha U-Haul and Emission Auto Service Center	Pewaukee	2
Lois Tire Shop	Burlington	9	Weissman Automotive	Germantown	3
Lutter's Elmbrook Automotive	Brookfield	4	Welks Automotive	Greenfield	8

PIF	City	Audits	PIF	City	Audits
Lynch Chevrolet of Kenosha	Kenosha	12	West Bend Tire Co.	West Bend	2
Lynch GM Superstore	Burlington	9	Westside Auto Center	Hartford	5
Lynch Truck Center	Waterford	9	Wilde Toyota	West Allis	13
M & M Citgo	Racine	12	Wilmot Auto Service Inc.	Wilmot	9
Maddison Automotive	Wales	4	Wisconsin Muffler	Milwaukee	9
Martin's Automotive Services	Big Bend	3	Wisconsin Muffler	New Berlin	3
Mayer Automotive LLC.	Cascade	4	WJ Kuhn Automotive Center Inc.	Oak Creek	12
Meineke Car Care Center	Kenosha	9	Total	1495	